



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

MAY 03 2013

Mr. Michael E. Shope  
Environmental Program Manager  
Federal Bureau of Investigation Academy  
FBI Environmental Office  
Building 15, Hogan's Alley Complex  
Quantico, VA 22135

RE: Plan for Self- Implementing On-Site Cleanup and Disposal of PCB Remediation Waste  
from the Air Handling Unit Replacement Buildings 1 and 2 at the FBI Quantico  
Complex, Virginia, EPA Case Tracking No. 2013-61-06

Dear Mr. Shope:

This letter is in response to the FBI Training Academy, Quantico VA, Plan for Self-Implementing On-Site Cleanup and Disposal of PCB Remediation Waste from the Air Handling Unit Replacement Buildings 1 and 2, dated March 25, 2013, ("Plan") provided to the U.S. Environmental Protection Agency Region III ("EPA") pursuant to the requirements of the *Self-implementing on-site cleanup and disposal of PCB remediation waste* regulation, 40 C.F.R. § 761.61(a). This Plan was received by the Land and Chemicals Division on April 9, 2013, regarding the FBI Training Academy's plan to clean up and dispose of polychlorinated biphenyl ("PCB") waste located in the FBI Training Academy, Quantico, Virginia.

EPA has reviewed the FBI's Plan for Self-Implementing On-Site Cleanup for the air handling units found in Buildings 1 and 2 of the FBI Training Academy site and finds that with the exception of the alternate sampling procedures to be used to verify completion of the remediation, it is consistent with the requirements of 40 C.F.R. § 761.61(a). EPA finds that this alternative sampling approach will create no unreasonable risk under the PCB regulations and the conditions of this approval. EPA approves the alternative sampling under 40 CFR §761.61(c).

This approval relates only to the removal of the PCB contaminated air handling units and associated duct work, paint on the air handler units, vibration dampers, door gaskets, and caulk found in the Mechanical Rooms in Buildings 1 and 2. EPA is aware that there are several other PCB concerns at the FBI Academy, which are not addressed in this Plan.

This approval is issued with the understanding that the following issues will be addressed in future submissions to EPA Region III by the FBI Training Academy: the identification, characterization, and disposition of PCB contaminated duct lining/insulation, HVAC gasket material, vibration dampeners, caulk on HVAC systems, foam rubber on duct work, paint on HVAC equipment and floors, window caulk, and associated PCB contaminated dust throughout the rest of the facility.

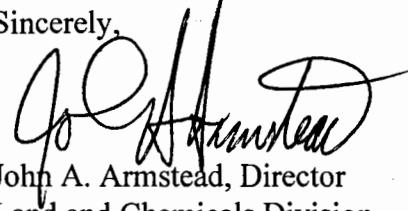
EPA's approval of the FBI's Plan does not in any way constitute a finding by EPA that the FBI Training Academy site will be safe or appropriate for any future use, does not insulate the owner or occupant of the property from action under any applicable law, and does not relieve the FBI, or any other owner or operator of the FBI Training Academy site of its continuing responsibility to comply fully with 40 C.F.R. Part 761. EPA emphasizes that these regulations include several conditions and limitations that apply to persons performing a PCB cleanup activity subject to 40 C.F.R. § 761.61(a). Among other things, the regulations state that “[c]omplete compliance with 40 C.F.R. § 761.61 does not create a presumption against enforcement action for penalties for any unauthorized PCB disposal,” 40 C.F.R. § 761.50(b)(3)(ii)(B). Further, “[a]ny person storing or disposing of PCBs is also responsible for determining and complying with all other applicable Federal, state, and local laws and regulations,” 40 C.F.R. § 761.50(a)(6).

EPA is requesting that a brief summary of the completed cleanup activities, including but not limited to, characterization and confirmation sampling analytical results; copies of the accompanying analytical chains of custody; field and laboratory quality control/quality assurance checks; copies of manifests; copies of certificates of disposal or similar certifications issued by the disposer and total amounts of PCB waste disposed, be submitted within 90 days of completion to:

U.S. Environmental Protection Agency  
Region III  
Kyle Chelius (3LC61)  
Land and Chemicals Division  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

Any questions concerning this approval or the self-implementing site cleanup plan review should be directed to Kyle Chelius, TSCA Compliance Officer, at (215) 814-3178.

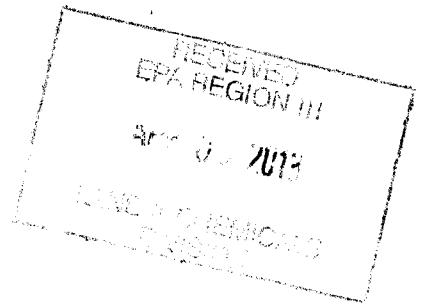
Sincerely,



John A. Armstead, Director  
Land and Chemicals Division

cc: Ms. Patricia McMurray (Virginia DEQ)

**HYBRID PLAN  
FOR  
SELF-IMPLEMENTING ON-SITE  
CLEANUP AND DISPOSAL OF PCB  
REMEDIATION WASTE FROM THE  
AIR HANDLING UNIT REPLACEMENT  
BUILDINGS 1 AND 2  
FEDERAL BUREAU OF INVESTIGATION  
QUANTICO COMPLEX  
VIRGINIA**



**Submitted by:**

Mr. Michael E. Shope  
Environmental Program Manager  
Federal Bureau of Investigation Academy  
FMU Environmental Office  
Building 15, Hogan's Alley Complex  
Quantico, Virginia 22135

**Submitted to:**

Mr. Shawn M. Garvin  
Regional Administrator  
Environmental Protection Agency  
Region III  
1650 Arch Street  
Philadelphia, PA 19103

March 25, 2013

## **Table of Contents**

<b>1</b>	<b>Introduction .....</b>	<b>1</b>
1.1	Background .....	1
1.2	Site Description .....	1
<b>2</b>	<b>Site Characterization.....</b>	<b>1</b>
2.1	Nature of Contamination.....	1
2.2	Location and Extent of Contamination .....	1
<b>3</b>	<b>Cleanup Plan .....</b>	<b>2</b>
3.1	Scope of Work.....	2
3.2	Contaminated Equipment Removal Procedures.....	3
3.3	Schedule.....	3
3.4	Work Area Preparation .....	3
3.5	Personal Protective Equipment .....	4
3.6	Airflow/Exhaust Requirements .....	4
3.7	Decontamination of Work Area .....	4
<b>4</b>	<b>Cleanup Levels .....</b>	<b>5</b>
<b>5</b>	<b>Waste Disposal.....</b>	<b>5</b>
<b>6</b>	<b>Post Cleanup Verification Sampling.....</b>	<b>6</b>
<b>7</b>	<b>Documentation .....</b>	<b>6</b>
<b>8</b>	<b>Certification Statement.....</b>	<b>7</b>

## **Figures**

- Figure 1 – Site Location Map
- Figure 2 – Building 1
- Figure 3 – Building 2
- Figure 4 – Building 1 Sample Locations
- Figure 5 – Building 2 Sample Locations
- Figure 6 – Building 1 Work Area
- Figure 7 – Building 2 Work Area
- Figure 8 – Building 1 Post Cleanup Verification Sample Locations
- Figure 9 – Building 2 Post Cleanup Verification Sample Locations

**Tables**

**Table 1 – Bulk Sample Results**

**Table 2 – Wipe Sample Results**

**Appendices**

**Appendix A – Laboratory Analytical Reports and Chain of Custody**

**Appendix B – Certification Statement**

# **1 Introduction**

## **1.1 Background**

Polychlorinated Biphenyls (PCBs) were detected in building materials utilized in the construction of the Federal Bureau of Investigation (FBI) Academy located in Quantico, Virginia. As detailed in the FBI *Polychlorinated Biphenyl Sampling Report* dated June 23, 2011, PCB-containing materials are present in Buildings 1 – 9 and 13. According to the U.S. Environmental Protection Agency (EPA) regulation 40 CFR 761, there currently are no authorized uses for non-liquid PCBs (NLPCBs), which is the classification of the identified PCB-containing materials at the Academy.

## **1.2 Site Description**

The FBI Academy is located in a rural part of Stafford County, east of the Lunga Reservoir on the United States Marine Corps Base Quantico. NLPCBs have been identified in Buildings 1 – 9 and 13. All of these buildings are connected through a series of corridors. The location of these buildings, as well as the surrounding area, is indicated on the Site Location Map included in Figure 1. All ten of the buildings were constructed between the 1970s and 1980s.

Building 1 is used primarily as office and administrative space. The building consists of two occupied stories above the basement (ground) level which houses the air handling units (AHUs) for the building (Figure 2). Building 2 is the single level Hall of Honor and connects four of the buildings (Buildings 1, 3, 4 and 5). The AHUs for Building 2 are located in a mechanical room at the west end of the building (Figure 3).

# **2 Site Characterization**

A comprehensive assessment of the Academy was completed in 2011 and the results were submitted to the EPA in the *Polychlorinated Biphenyl Sampling Report, June 22, 2011*. The assessment included bulk and wipe samples. The relevant results are summarized below.

## **2.1 Nature of Contamination**

Non-liquid PCBs, predominately Aroclor 1260, have been detected in a variety of HVAC components. The potential for additional surfaces to be contaminated by PCB-containing dust originating from the HVAC system has also been identified.

## **2.2 Location and Extent of Contamination**

Bulk samples were collected in the mechanical rooms from HVAC components such as interior insulation, gaskets, caulk and housing paints. Additionally, TEC collected samples of other materials, such as pipe insulation (fiberglass or foam) and any other observed suspect materials. Bulk samples were collected and analyzed in accordance with EPA Method SW-846 3540C/8082. The following bulk samples were identified as containing PCBs at concentrations greater than 50 parts per million (PPM):

#### **Building 1 Mechanical Room**

- Duct liner and insulation in the air handler;
- Green paint on the air handler;
- Vibration damper on the air handler;
- Door gasket on the air handler; and
- Caulk on the air handler.

#### **Building 2 Mechanical Room**

- Vibration damper on air handler; and
- Door gasket on air handler.

The relevant sample data is summarized in Table 1 and sample locations are depicted graphically in Figure 4. The laboratory analytical reports are included in Appendix A.

Wipe samples were collected in the mechanical rooms from the HVAC system, flooring, and on other hard, non-porous surfaces. Wipe samples were collected and analyzed in accordance with EPA Method SW-8550B/8082. Wipe samples were collected from the following locations:

- The mixing chamber for each air handling unit;
- Five samples from the floor of each mechanical room based on a grid pattern. The room was divided into four quadrants. One sample was collected from the center of the mechanical room and one sample was collected from each of the four quadrants (modified as necessary due to room configurations);
- One sample in front of each air handling unit's air return on the mechanical room floor.

All wipe samples collected from the Building 1 and 2 mechanical rooms were below 10 µg/100cm<sup>2</sup>. The relevant sample data is summarized in Table 2 and sample locations are depicted graphically in Figure 5. The laboratory analytical reports are included in Appendix A.

### **3 Cleanup Plan**

The following sections present the proposed cleanup approach for the removal and disposal of the HVAC components as required under 40 CFR 761.61(a)(3)(i)(D).

#### **3.1 Scope of Work**

The scope of work for replacing the AHUs in Building 1 includes:

- Demolish, abate and remove existing AHU-1-2. Provide a new AHU-1-2. Remove existing AHU-1-1 to permit installation of the new AHU-1-2. Reinstall existing AHU-1-1 after the installation of the new AHU-1-2 is complete. The existing AHU-1-1 was installed in recent years. Its service life is not over, therefore, it will remain in service.
- Remove and abate the AHU-1-2 zone ductwork in the Building 1 Basement Mechanical Room.

The scope of work for replacing the AHUs in Building 2 includes:

- Demolish, abate and remove existing SZ AHU-2-1and MZ AHU-2-2. Provide new AHU-2-1 and AHU-2-2.
- Remove and abate the AHU-2-2 zone ductwork in the Building 2 Mechanical Room.

The removal of the AHUs will encompass the associated vibration dampeners, gaskets, caulk, paint, and other miscellaneous components as well as all duct work inside the mechanical rooms. The duct work outside the two mechanical rooms will be removed in later phases.

### **3.2 Contaminated Equipment Removal Procedures**

The entire AHU will be removed from service and disassembled. The components of the AHU will be disassembled using only manual tools. Each panel will be lowered to the floor and wrapped with plastic sheeting to prevent flakes or dust to disperse. No excessive dust or heat-generating techniques will be used during removal. If necessary to cut components due to size restrictions, only cold-cutting techniques shall be used. At no time will saw blades or other cutting tools be allowed to produce heat that generates visible smoke.

All disassembled panels and paint chips/drop cloth will be containerized and disposed as >50 ppm PCB bulk product waste in accordance with Section 5 and the FBI PCB Waste Management Plan.

The preferred method of removing the duct lining/insulation shall be the entire removal of the duct system. The duct shall be separated at joints if possible and gently lowered to the ground. The ends of the duct shall be sealed without impacting the lining/insulation. If possible the lining/insulation shall remain intact and remain within the interior of the duct. The entire duct shall be wrapped in plastic and disposed as PCB bulk product waste. If possible, ducting shall be removed at joints. If it is necessary to cut ducting, only cold cutting methods shall be used. At no time shall saw blades or cutting tools heat duct materials to the point where visible smoke is produced. If necessary, duct sections can be manually flattened while inside containment. Flattening must be done without excessive force or damage to lining and insulation.

Vibration dampeners, caulk, gaskets, and other miscellaneous components will be removed with the associated AHU or duct to which they are attached. Cut edges of duct lining that are to be left in service during this phase will be promptly sealed with an approved sealant, such as IAQ 8500 HVAC Insulation Sealant by Fiberlock Technologies, Inc.

### **3.3 Schedule**

The project is planned to start approximately one week after approval of the remediation work plan. The demolition and abatement in each mechanical room will require one week to complete.

### **3.4 Work Area Preparation**

The work areas, including containment and decontamination chambers are depicted in Figures 6 and 7. Work area preparation is described below:

1. Two layers of 6-mil polyethylene plastic shall be secured over all entrances to the mechanical rooms (doors, windows, air grates leading outside, etc.)

2. All HVAC units located in the work area shall be shut down and locked out/tagged out in conjunction with the FBI Quantico Safety and Occupational Health Office standards.
3. Plastic sheeting shall be secured to the floor beneath the work areas.
4. An airtight enclosure shall be constructed around the work area using two alternating layers of 6-mil plastic sheeting securely taping all seams.
5. Caution tape, OSHA signage or other methods shall be employed to demarcate the work area and notify non-authorized individuals not to enter the work area.
6. A decontamination chamber shall be constructed at the entrance to the work area. All personnel shall enter and exit from this chamber. All personal protective equipment shall be cleaned with a HEPA vacuum and removed in this chamber.

### **3.5 Personal Protective Equipment**

The following personal protective equipment will be worn while performing these activities:

- Disposable coveralls with head and foot coverings;
- Minimum half face respirator equipped with High Efficiency Particulate Air (HEPA) filters;
- Safety glasses; and
- Nitrile or latex gloves.

No personal protective equipment that has been inside of a work area shall be allowed to be worn outside of the work area. All used personal protective equipment shall be placed into a plastic bag for disposal per the FBI PCB Waste Management Plan.

### **3.6 Airflow/Exhaust Requirements**

An air filtration unit with a HEPA filter shall be placed inside the work area and exhausted to the exterior of the building. A negative pressure of -0.02 inches of water shall be maintained in the work area at all times that remediation activities are occurring. A manometer with print capability shall be present to record all measurements while remediation is occurring.

### **3.7 Decontamination of Work Area**

After all PCB-containing materials have been removed from the work area, all horizontal surfaces or surfaces where dust can accumulate within the work area shall be decontaminated. Surfaces shall be vacuumed with a HEPA-equipped vacuum cleaner. The surface of the work area shall then be double washed using a general cleaning detergent in accordance with manufacturer's direction. The surface shall be wiped with a cleaning cloth dampened with the cleaning detergent and then allowed to dry. A second wiping shall occur with a new cleaning cloth following the same manner as the first. The cleaning cloths shall be placed into a waste bag or other storage container and treated as bulk PCB remediation waste in accordance with the FBI PCB Waste Management Plan. All disposable personal protective equipment, such as gloves and coveralls, shall be removed outside of the work area in the decontamination chamber and placed into a waste bag or other storage container and treated as bulk PCB remediation waste in accordance with the FBI PCB Waste Management Plan. Safety glasses and any other non-disposable safety equipment shall be decontaminated and stored for re-use.

## **4 Cleanup Levels**

The mechanical rooms are considered low occupancy as described in 40 CFR 761.3 as they are non-office spaces where occupancy is transitory. The interior of the AHUs and duct work are not occupied spaces; however, for cleanup purposes they are considered high occupancy as they supply conditioned air to office and classroom spaces. The established cleanup levels for bulk remediation waste are  $\leq 1$  ppm for high occupancy (40 CFR 761.61(a)(4)(i)(A)) and  $\leq 25$  ppm for low occupancy (40 CFR 761.61(a)(4)(i)(B)). All bulk materials containing PCBs at concentrations above 25 ppm will be removed. The established cleanup levels for non-porous surfaces, such as the concrete floor of the mechanical room are  $<10 \mu\text{g}/100 \text{ cm}^2$  for high occupancy and  $<100 \mu\text{g}/100 \text{ cm}^2$  for low occupancy (40 CFR 761.61(a)(4)(ii)). Due to the air flowing through the mechanical room could pick up dust from the floor and thereby enter the AHUs, the cleanup level for the non-porous surfaces is set at  $<10 \mu\text{g}/100 \text{ cm}^2$ .

## **5 Waste Disposal**

The PCB waste disposal procedures to be implemented at this site are described below pursuant to 40 CFR 761.61 (a)(5) and the FBI PCB Waste Management Plan dated March 20, 2011.

All debris generated during the removal of ducts, duct liners, insulation and mastic will be considered to be PCB-contaminated for disposal purposes (greater than 50 ppm). No PCB liquid wastes are to be generated during the PCB removal actions. In the event liquid waste is generated, the liquid shall be containerized and sampled to determine disposal requirements.

Secure, lined, and covered waste containers (roll-off containers or equivalent) or 55-gallon DOT-approved steel containers will be staged for the collection of PCB wastes generated during the work activities in accordance with 40 CFR 761.64. Waste containers shall be stored at a location designated by the FBI. All containers will be properly labeled and marked in accordance with 40 CFR 761.40. PCB bulk product waste generated on site will be removed within 30 days of generation and transported by a licensed hazardous waste transporter to a licensed hazardous waste landfill facility under a Universal Hazardous Waste Manifest (UHWM). The proposed waste transporter is Ecoflo, of Greensboro, North Carolina, and the proposed disposal facility is Wayne Disposal, Site #2 Landfill, Bellview, Michigan (EPA ID# MID048090633), alternate Waste Management, Emelle, Alabama (EPA ID # ALD000622462).

In accordance with 40 CFR 761.61, PCB Remediation Waste, all personal protective equipment utilized during remediation activities, such as rags, gloves, booties, other disposable personal protective equipment, and similar materials resulting from cleanup activities shall be disposed of in accordance with (a)(5)(v)(A) regardless of concentration. Bulk PCB remediation waste can be disposed of in the following manners:

- In a facility permitted, licensed, or registered by the State to manage municipal solid waste subject to 40 CFR part 258;
- In a facility permitted, licensed, or registered by a State to manage non-municipal, non-hazardous waste subject to 40 CFR parts 257.5 through 257.30;
- In a hazardous waste landfill permitted by EPA section 3004 of RCRA, or by a State authorized under section 3006 of RCRA; or

- In an approved PCB disposal facility.

Potential disposal facilities include the two facilities listed on the previous page.

A manifest shall be completed to accompany each load. An authorized representative of the FBI Environmental Program Manager will sign the manifest prior to waste leaving the site. A copy of the manifest will be provided to the FBI Environmental Program Manager at the time of pickup of the waste. A copy of the manifest, signed by the disposal site shall be provided to the FBI Environmental Program Manager by the landfill within 45 days.

## 6 Post Cleanup Verification Sampling

Upon completion of removal and fine cleaning activities, the FBI's quality assurance designee shall conduct a visual inspection of the work area for visible dust and debris. Work areas shall be free of visible dust and debris prior to conducting post cleanup verification sampling. Verification sampling will then be conducted to determine the area has been adequately cleaned.

The FBI is proposing to use a modified wipe sampling method for the cleanup verification sampling method because the matrix of the PCBs within the Academy is dust-borne and not a liquid form. The FBI proposes the following procedure for verification sampling:

1. Sampling locations will be determined using a 10 meter grid. A minimum of three standard wipes per work area will be collected regardless of the size of the work area. A minimum of one standard wipe shall be collected from each room within the work area. In accordance with 40 CFR 761.130 no more than 40 standard wipes should be taken per work area.
2. Samples will be collected from a 100 square centimeter area (10 cm by 10 cm).
3. Sample results will be reported in micrograms per 100 square centimeters.
4. The cleaning efforts shall be considered complete when all work area samples are  $10\mu\text{g}/100\text{cm}^2$  or less.
5. If any of the samples exceed  $10\mu\text{g}/100\text{cm}^2$ , the work area shall be re-cleaned and re-sampled until the required levels are achieved.

Proposed verification sample locations for Building 1 are depicted in Figure 8; for Building 2 locations are depicted in Figure 9.

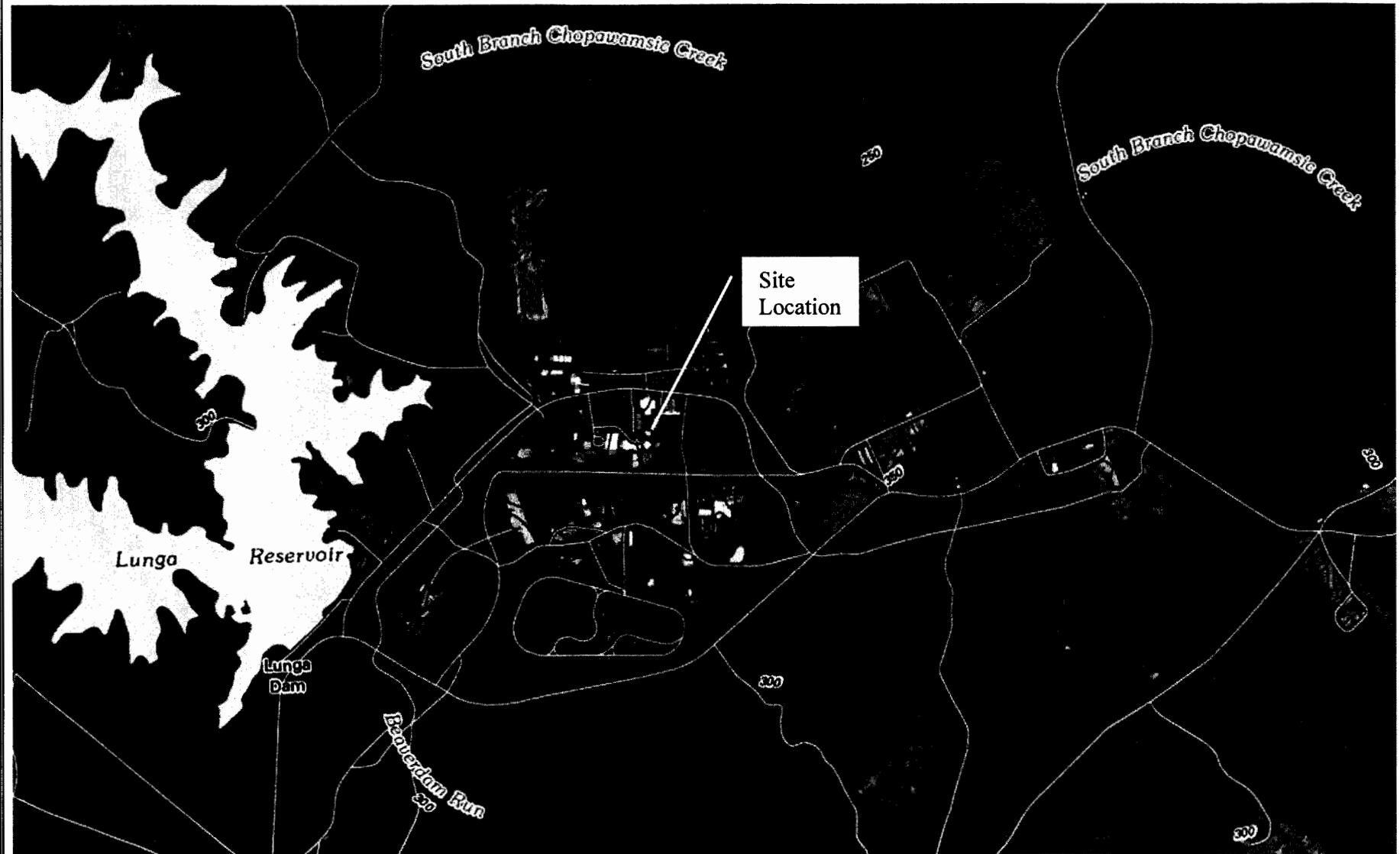
## 7 Documentation

The Contractor shall provide a written report documenting the cleanup activities to the FBI Environmental Program Manager. The report shall include a description of work activities, quantity and type of material removed for disposal, copies of waste manifests and certificates of disposal. Included in the documentation to be submitted to the PCB Compliance Manager shall be the equipment checklist provided in Attachment D. Additionally, the Contractor shall provide to the FBI Environmental Program Manager the Contractor's industrial hygienist report summarizing all personal and ambient exposure monitoring and copies of all laboratory analysis reports. Any exceedance of exposure levels shall be reported to the FBI Environmental Program Manager immediately upon receipt of the information.

## **8 Certification Statement**

The a written certification signed by an authorized representative of the Property Owner and the Prime Contractor, stating that all sampling plans, sample collection procedures, sample preparation procedures, extraction procedures, and instrumental/chemical analysis procedures used to assess or characterize the PCB contamination at the cleanup site are on file at the location designated in the certificate is required pursuant to 40CFR 761.61(a)(3)(i)(E). A Certification Page is provided as Attachment B.

## **FIGURES**



Source: US Geological Survey

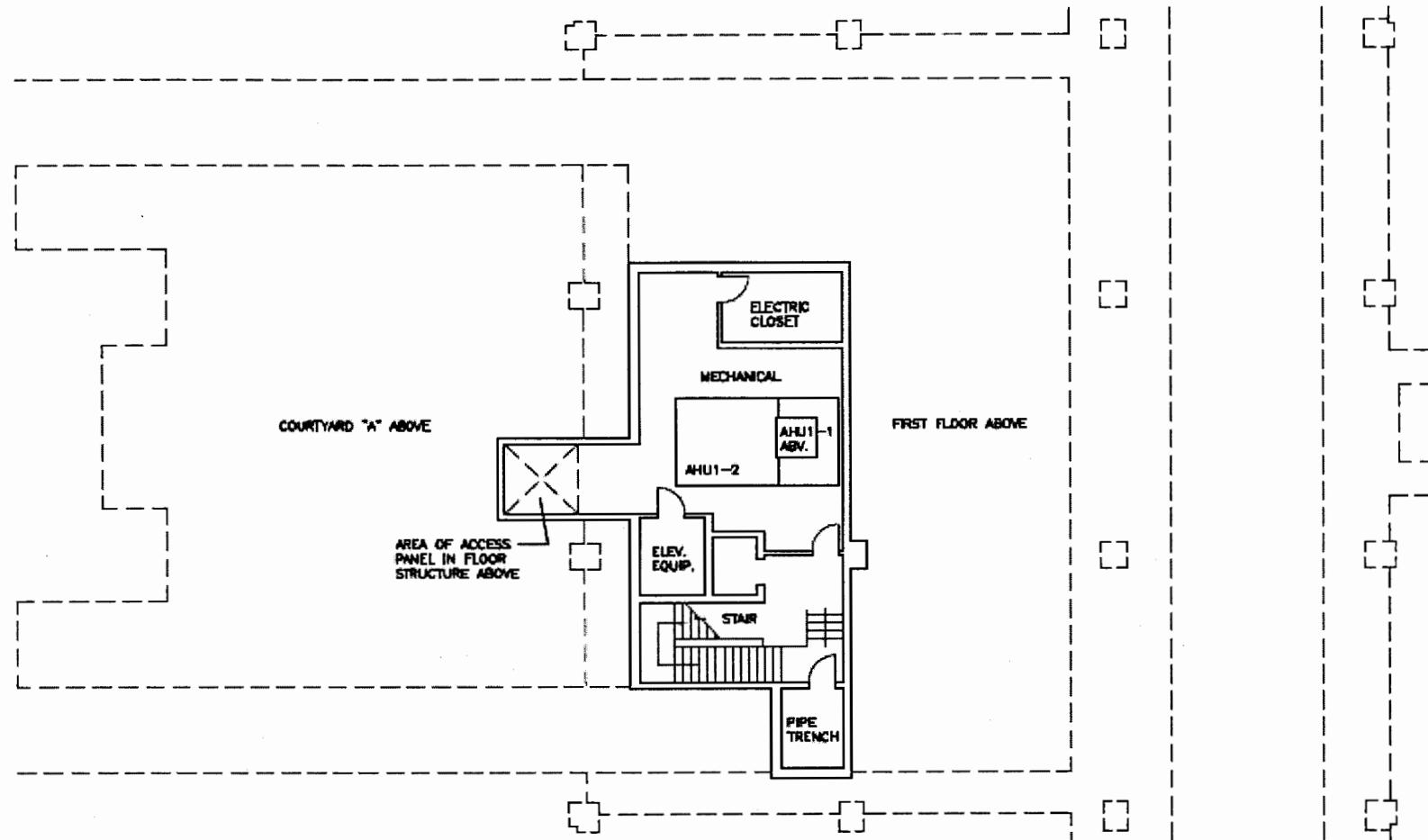
Joplin, VA

2010

**Site Location Map**  
**Federal Bureau of Investigation**  
**Quantico, VA**

**Figure  
No.**

**1**

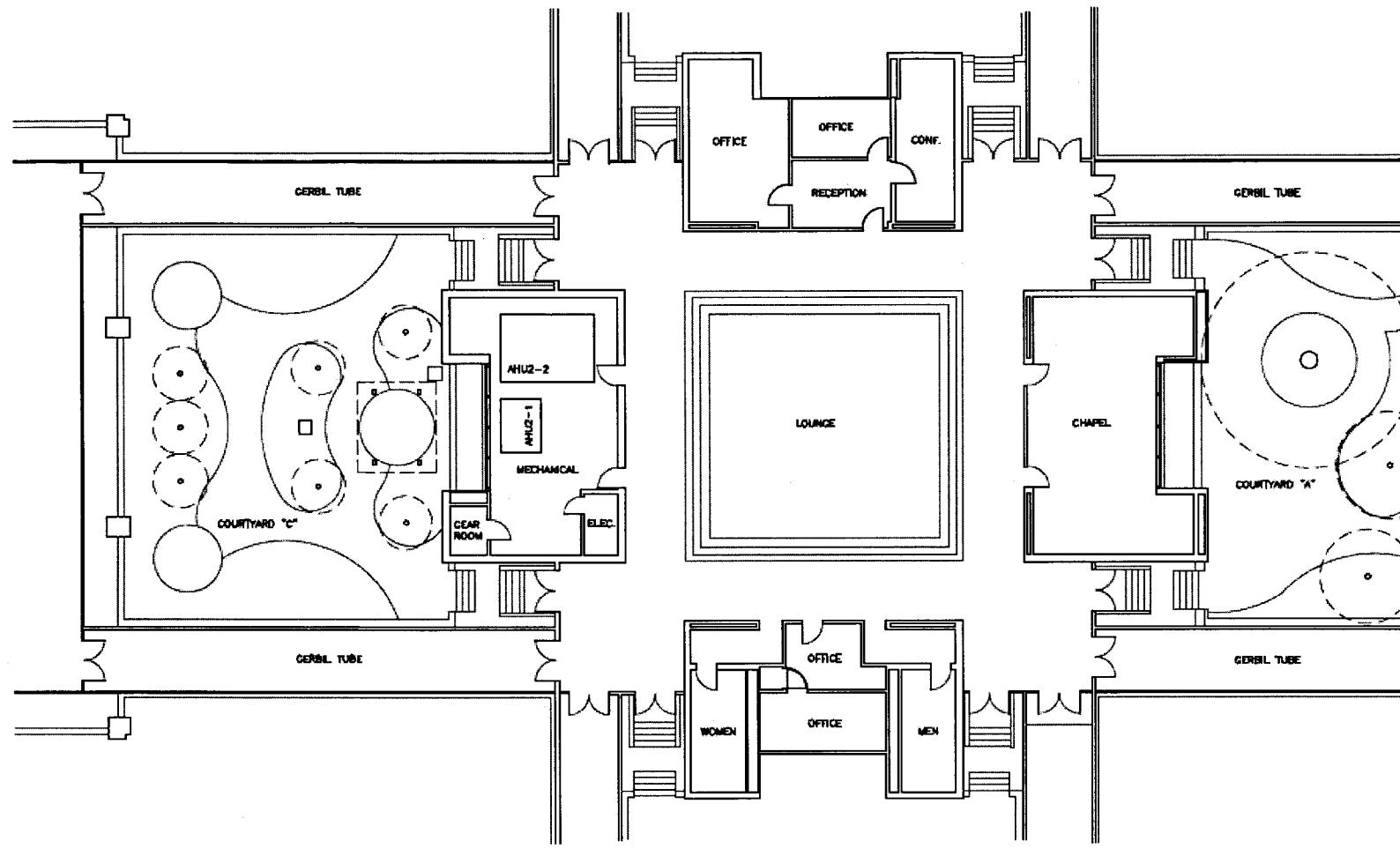


3308 Mount Vernon Avenue  
Alexandria, VA 22305

Scale: NTS

FBI Academy,  
Building 1 Basement

Figure  
No.  
**2**

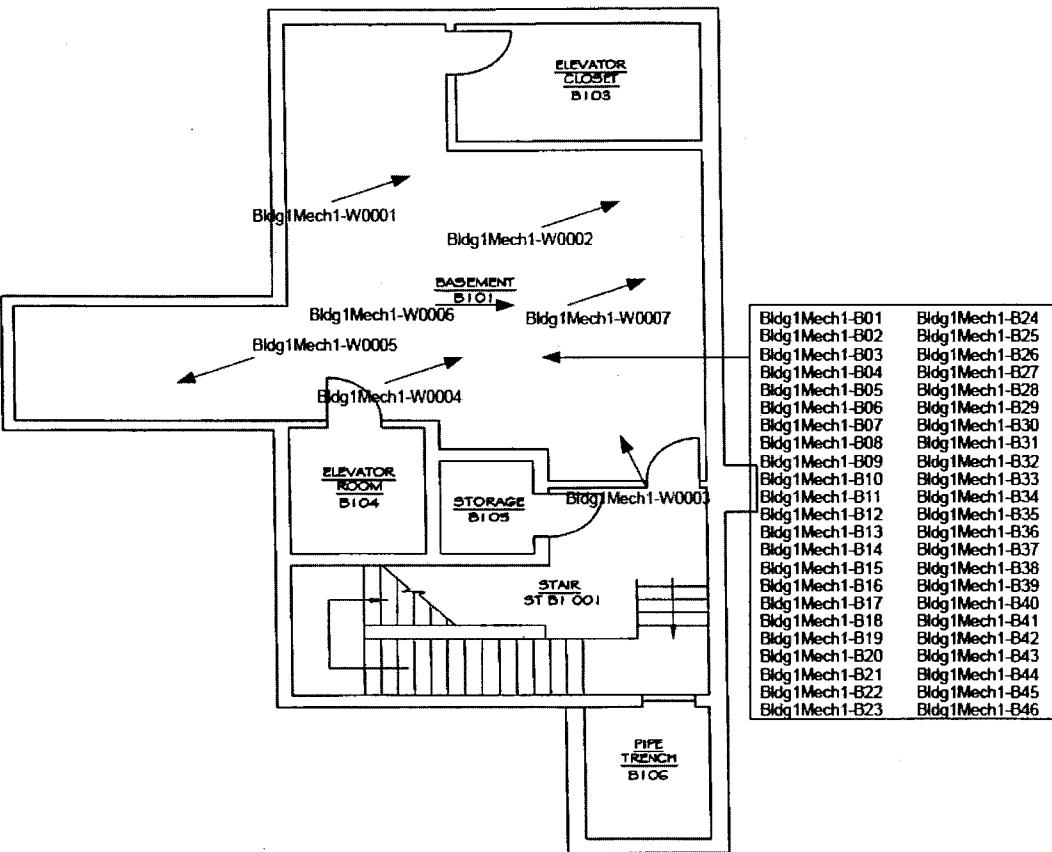


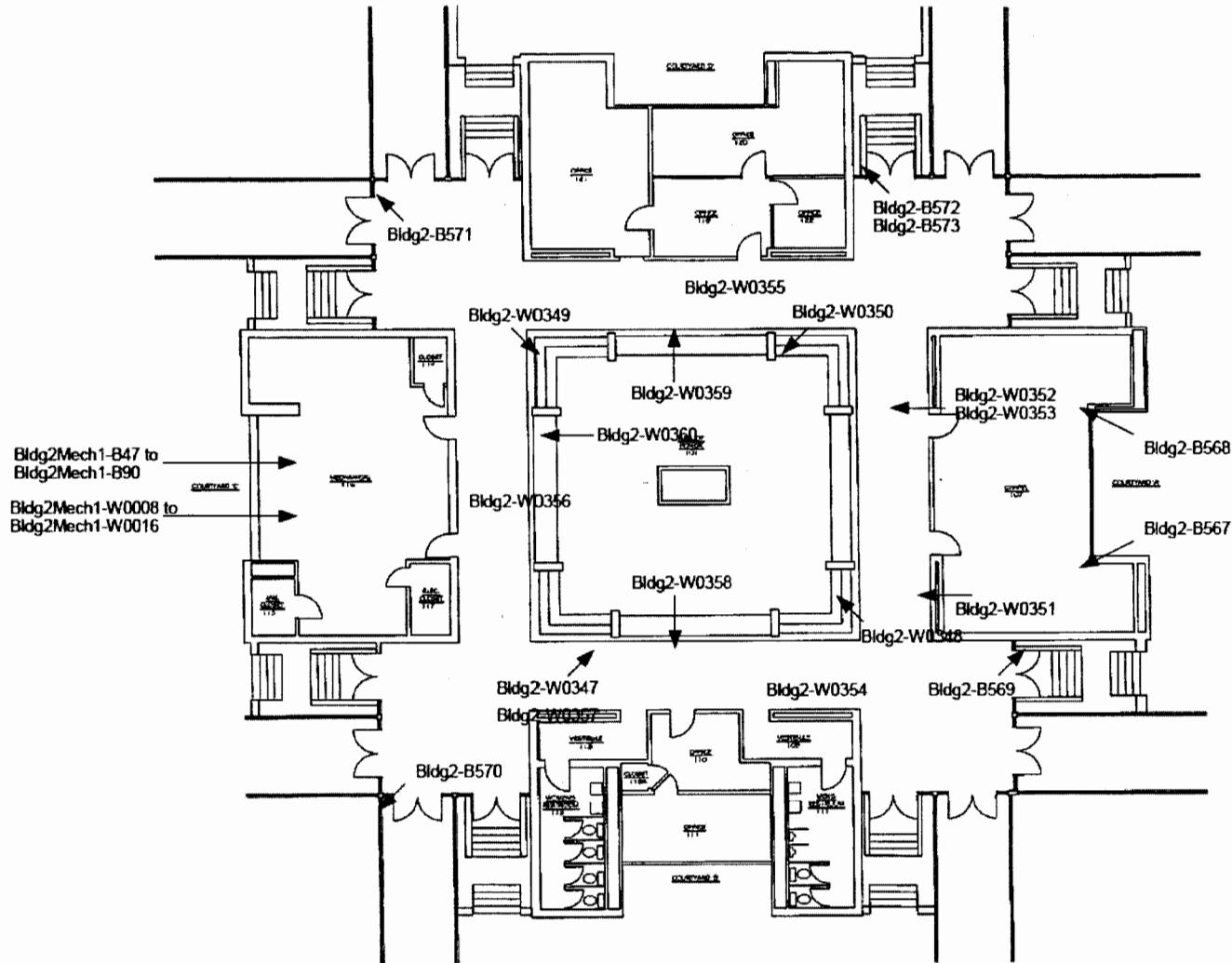
3308 Mount Vernon Avenue  
Alexandria, VA 22305

Scale: NTS

FBI Academy,  
Building 2, Floor 1

Figure  
No.  
**3**





3308 Mount Vernon Avenue  
Alexandria, VA 22305

Scale: NTS

FBI Academy,  
Building 2 Sample Locations

Figure  
No.  
**5**



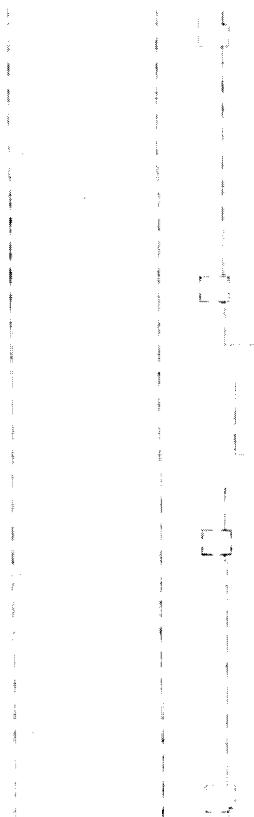
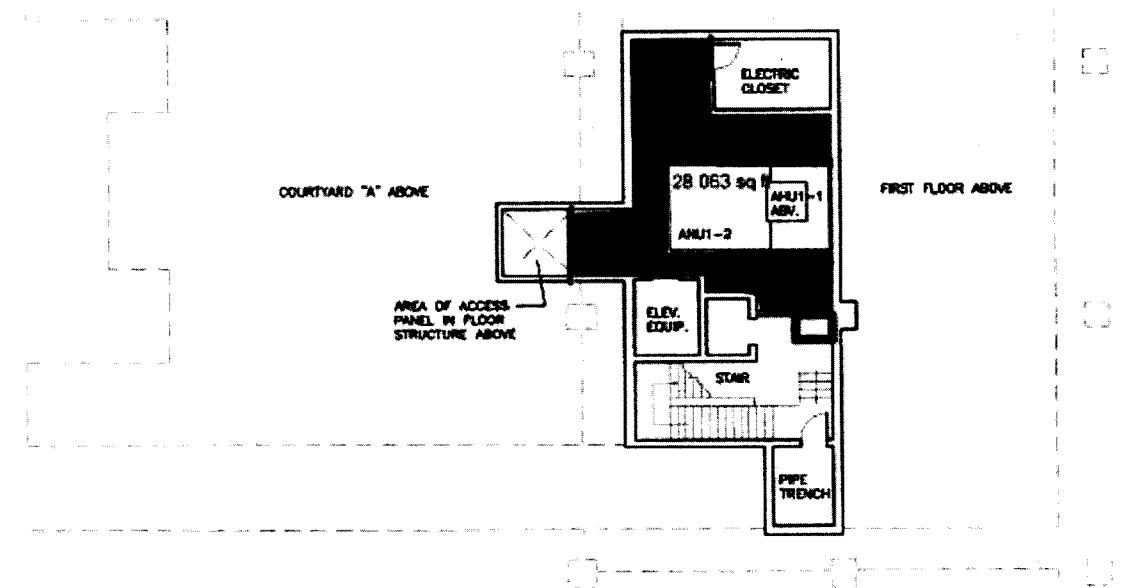
1 Layer of 6 mil. Poly covering floor



Two Layers of poly at critical barriers



Decontamination Chamber

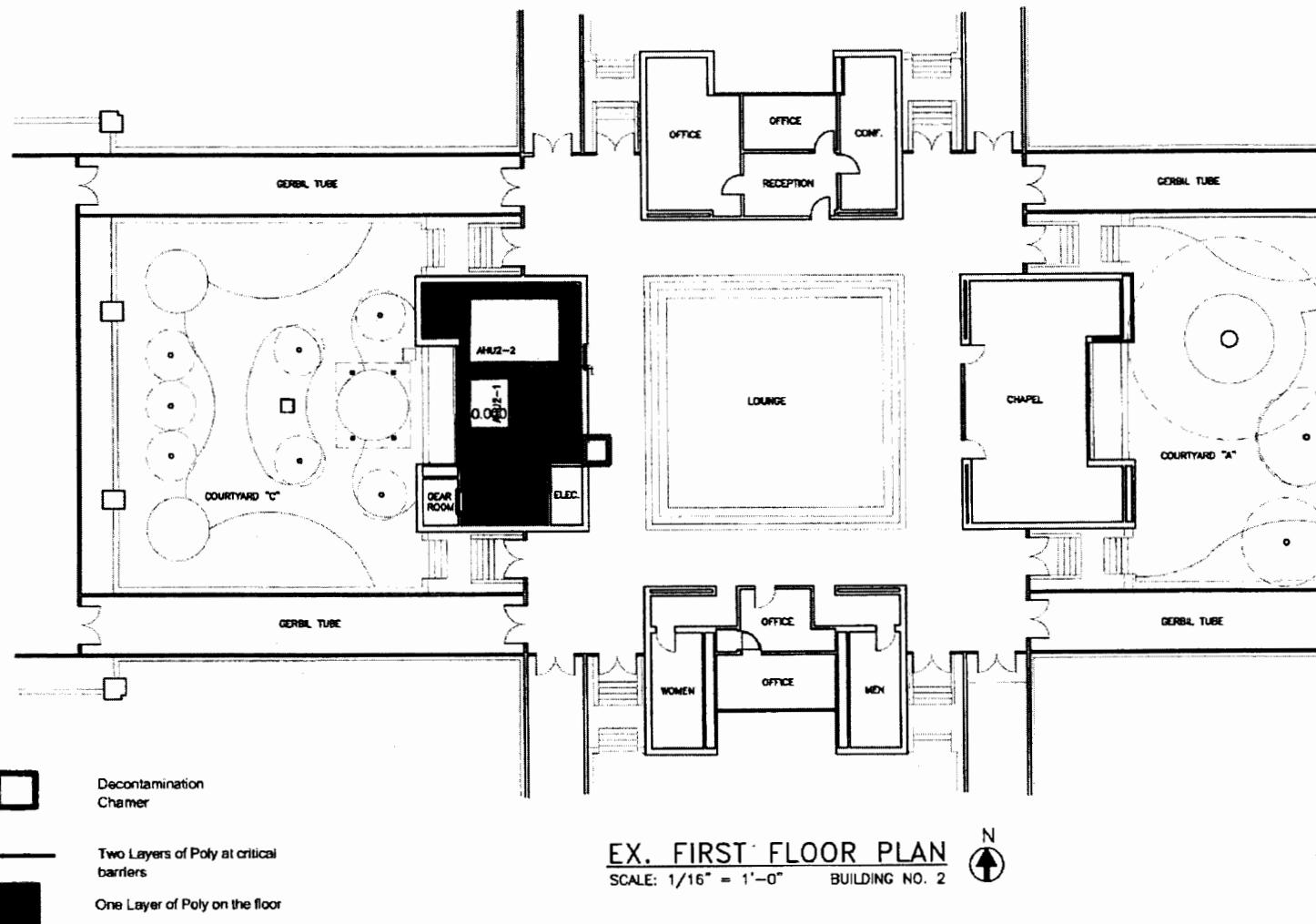


3308 Mount Vernon Avenue  
Alexandria, VA 22305

Scale: NTS

FBI Academy  
Building 1 Work Area

Figure  
No.  
**6**

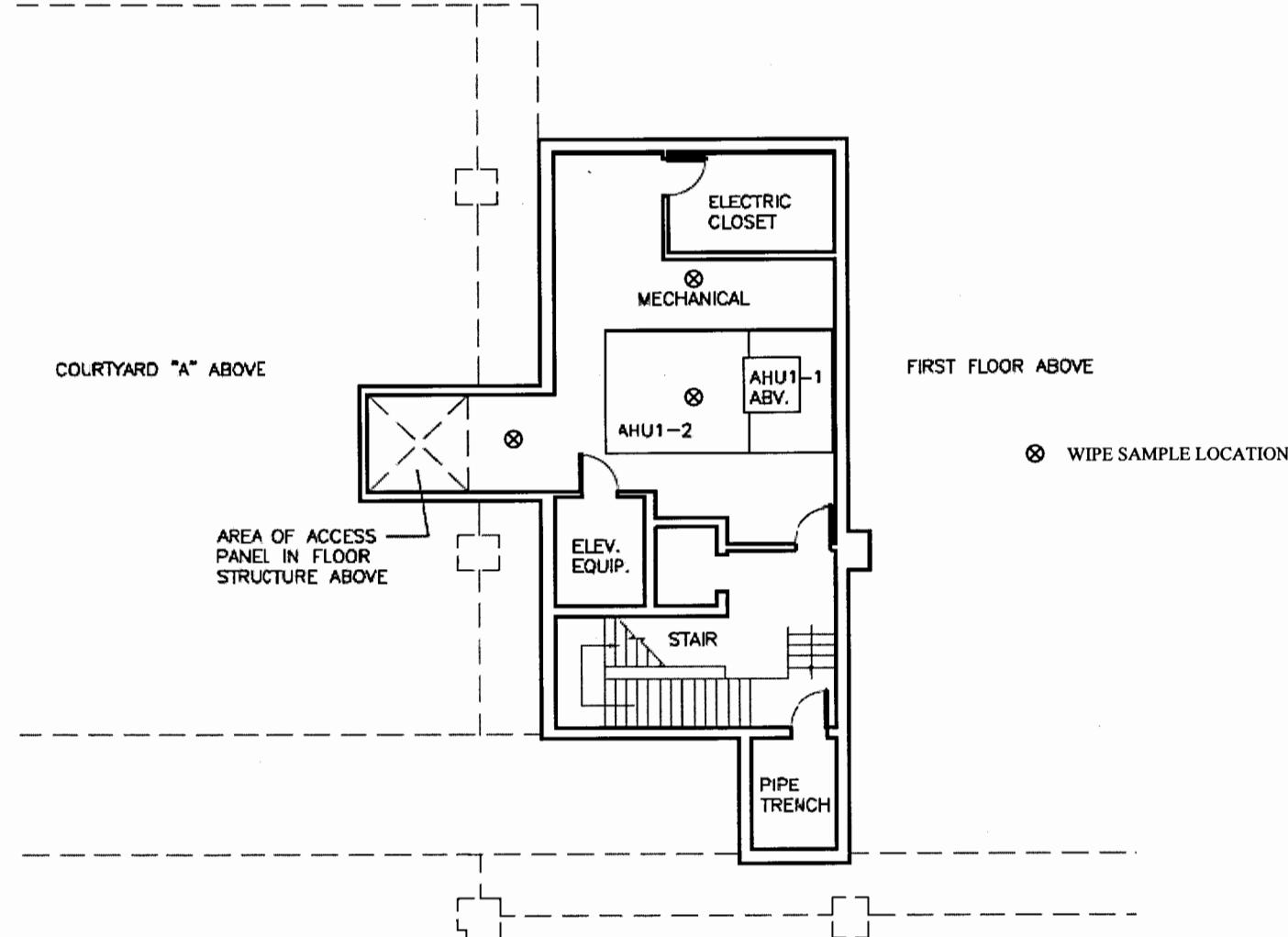


3308 Mount Vernon Avenue  
Alexandria, VA 22305

Scale: NTS

FBI Academy  
Building 2 Work Area

Figure  
No.  
**7**

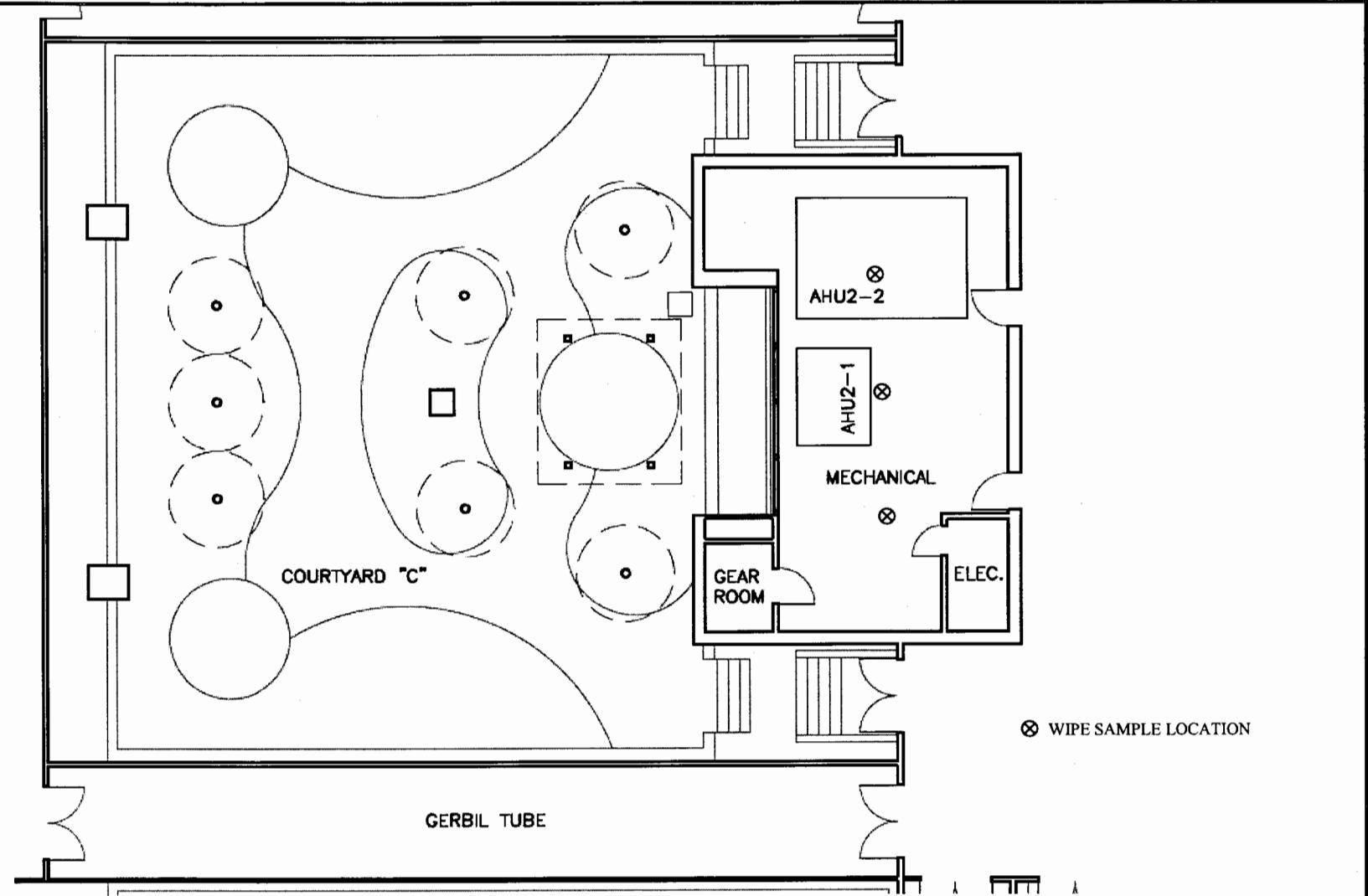


3308 Mount Vernon Avenue  
Alexandria, VA 22305

Scale: NTS

**FBI Academy**  
**Building 1 Confirmation Sample Locations**

Figure  
No.  
**8**



3308 Mount Vernon Avenue  
Alexandria, VA 22305

Scale: NTS

FBI Academy  
Building 2 Confirmation Sample Location

Figure  
No.  
**9**

## **TABLES**

**Table 1 - Bulk Sample Results**  
 U.S. Department of Justice  
 FBI Academy, Building 1 and 2 Mechanical Rooms  
 Quantico, Virginia

Sample ID	Sample Location	Sample Date	Analytical Results mg/kg (ppm)
Bldg1 Mech1 - B01	Duct liner and Insulation AHU1.2	1/31/11	86
Bldg1 Mech1 - B02	Duct liner and Insulation AHU1.2	1/31/11	130
Bldg1 Mech1 - B03	Duct liner and Insulation AHU1.2	1/31/11	80
Bldg1 Mech1 - B04	Duct liner and Insulation AHU1.2	1/31/11	76
Bldg1 Mech1 - B05	Duct liner and Insulation AHU1.2	1/31/11	110
Bldg1 Mech1 - B06	Duct liner and Insulation AHU1.2	1/31/11	190
Bldg1 Mech1 - B07	Green paint AHU1.2	1/31/11	54
Bldg1 Mech1 - B08	Green paint AHU1.2	1/31/11	310
Bldg1 Mech1 - B09	Green paint AHU1.2	1/31/11	180
Bldg1 Mech1 - B10	Green paint AHU1.2	1/31/11	320
Bldg1 Mech1 - B11	Green paint AHU1.2	1/31/11	200
Bldg1 Mech1 - B12	Green paint AHU1.2	1/31/11	340
Bldg1 Mech1 - B13	Vibration dampener AHU1.2	1/31/11	380
Bldg1 Mech1 - B14	Vibration dampener AHU1.2	1/31/11	590
Bldg1 Mech1 - B15	Vibration dampener AHU1.2	1/31/11	690
Bldg1 Mech1 - B16	Vibration dampener AHU1.2	1/31/11	350
Bldg1 Mech1 - B17	Vibration dampener AHU1.2	1/31/11	380
Bldg1 Mech1 - B18	Vibration dampener AHU1.2	1/31/11	590
Bldg1 Mech1 - B19	Door gasket AHU1.2	1/31/11	410
Bldg1 Mech1 - B20	Door gasket AHU1.2	1/31/11	670
Bldg1 Mech1 - B21	Door gasket AHU1.2	1/31/11	460
Bldg1 Mech1 - B22	Door gasket AHU1.2	1/31/11	340
Bldg1 Mech1 - B23	Door gasket AHU1.2	1/31/11	700
Bldg1 Mech1 - B24	Door gasket AHU1.2	1/31/11	1200
Bldg1 Mech1 - B25	Fiberglass pipe insulation	1/31/11	7.4
Bldg1 Mech1 - B26	Fiberglass pipe insulation	1/31/11	5.5
Bldg1 Mech1 - B27	Fiberglass pipe insulation	1/31/11	ND
Bldg1 Mech1 - B28	Fiberglass pipe insulation	1/31/11	1.1
Bldg1 Mech1 - B29	Fiberglass pipe insulation	1/31/11	6.0
Bldg1 Mech1 - B30	Fiberglass pipe insulation	1/31/11	22
Bldg1 Mech1 - B31	White paint AHU1.2	1/31/11	58
Bldg1 Mech1 - B32	White paint AHU1.2	1/31/11	100
Bldg1 Mech1 - B33	White paint AHU1.2	1/31/11	83
Bldg1 Mech1 - B34	White paint AHU1.2	1/31/11	260
Bldg1 Mech1 - B35	White paint AHU1.2	1/31/11	200
Bldg1 Mech1 - B36	White paint AHU1.2	1/31/11	69
Bldg1 Mech1 - B37	Caulk on AHU1.2	1/31/11	6900
Bldg1 Mech1 - B38	Caulk on AHU1.2	1/31/11	770
Bldg1 Mech1 - B39	Caulk on AHU1.2	1/31/11	8600
Bldg1 Mech1 - B40	Caulk on AHU1.2	1/31/11	190
Bldg1 Mech1 - B41	Caulk on AHU1.2	1/31/11	67

**Table 1 - Bulk Sample Results**  
**U.S. Department of Justice**  
**FBI Academy, Building 1 and 2 Mechanical Rooms**  
**Quantico, Virginia**

Sample ID	Sample Location	Sample Date	Analytical Results mg/kg (ppm)
<b>Bldg1 Mech1 - B42</b>	Caulk on AHU1.2	1/31/11	120
<b>Bldg1 Mech1 - B43</b>	Duplicate of Bldg1Mech1-B04	1/31/11	82
<b>Bldg1 Mech1 - B44</b>	Duplicate of Bldg1Mech1-B18	1/31/11	640
<b>Bldg1 Mech1 - B45</b>	Duplicate of Bldg1Mech1-B28	1/31/11	1.0
<b>Bldg1 Mech1 - B46</b>	Duplicate of Bldg1Mech1-B37	1/31/11	7200
<b>Bldg2 Mech1 - B47</b>	Duct liner and Insulation AHU2.1	1/31/11	ND
<b>Bldg2Mech1 - B48</b>	Duct liner and Insulation AHU2.1	1/31/11	ND
<b>Bldg2Mech1 - B49</b>	Duct liner and Insulation AHU2.1	1/31/11	ND
<b>Bldg2Mech1 - B50</b>	Duct liner and Insulation AHU2.1	1/31/11	ND
<b>Bldg2Mech1 - B51</b>	Duct liner and Insulation AHU2.1	1/31/11	ND
<b>Bldg2Mech1 - B52</b>	Duct liner and Insulation AHU2.1	1/31/11	ND
<b>Bldg2Mech1 - B53</b>	Vibration Dampner AHU2.2	1/31/11	75
<b>Bldg2Mech1 - B54</b>	Vibration Dampner AHU2.2	1/31/11	66
<b>Bldg2Mech1 - B55</b>	Vibration Dampner AHU2.1	1/31/11	22
<b>Bldg2Mech1 - B56</b>	Vibration Dampner AHU2.2	1/31/11	67
<b>Bldg2Mech1 - B57</b>	Vibration Dampner AHU2.2	1/31/11	86
<b>Bldg2Mech1 - B58</b>	Vibration Dampner AHU2.2	1/31/11	89
<b>Bldg2Mech1 - B59</b>	Door gasket AHU2.1	1/31/11	6.8
<b>Bldg2Mech1 - B60</b>	Door gasket AHU2.1	1/31/11	8.5
<b>Bldg2Mech1 - B61</b>	Door gasket AHU2.1	1/31/11	2.4
<b>Bldg2Mech1 - B62</b>	Door gasket AHU2.1	1/31/11	12
<b>Bldg2Mech1 - B63</b>	Door gasket AHU2.1	1/31/11	14
<b>Bldg2Mech1 - B64</b>	Door gasket AHU2.1	1/31/11	12
<b>Bldg2Mech1 - B65</b>	Door gasket AHU2.2	1/31/11	82
<b>Bldg2Mech1 - B66</b>	Door gasket AHU2.2	1/31/11	110
<b>Bldg2Mech1 - B67</b>	Duplicate of Bldg2Mech1 - B47	1/31/11	ND
<b>Bldg2Mech1 - B68</b>	Fiberglass pipe insulation	1/31/11	ND
<b>Bldg2Mech1 - B69</b>	Fiberglass pipe insulation	1/31/11	ND
<b>Bldg2Mech1 - B70</b>	Fiberglass pipe insulation	1/31/11	1.4
<b>Bldg2Mech1 - B71</b>	Fiberglass pipe insulation	1/31/11	ND
<b>Bldg2Mech1 - B72</b>	Fiberglass pipe insulation	1/31/11	ND
<b>Bldg2Mech1 - B73</b>	Fiberglass pipe insulation	1/31/11	ND
<b>Bldg2Mech1 - B74</b>	Gray floor paint	1/31/11	21
<b>Bldg2Mech1 - B75</b>	Gray floor paint	1/31/11	16.0
<b>Bldg2Mech1 - B76</b>	Gray floor paint	1/31/11	12
<b>Bldg2Mech1 - B77</b>	Gray floor paint	1/31/11	23
<b>Bldg2Mech1 - B78</b>	Gray floor paint	1/31/11	30
<b>Bldg2Mech1 - B79</b>	Gray floor paint	1/31/11	16
<b>Bldg2Mech1 - B80</b>	Caulk on AHU2.2	1/31/11	23
<b>Bldg2Mech1 - B81</b>	Caulk on AHU2.2	1/31/11	15
<b>Bldg2Mech1 - B82</b>	Caulk on AHU2.2	1/31/11	48

**Table 1 - Bulk Sample Results**  
**U.S. Department of Justice**  
**FBI Academy, Building 1 and 2 Mechanical Rooms**  
**Quantico, Virginia**

Sample ID	Sample Location	Sample Date	Analytical Results mg/kg (ppm)
Bldg2Mech1 - B83 - Aroclor 1254	Caulk on AHU2.2	1/31/11	17
Bldg2Mech1 - B83 - Aroclor 1260	Caulk on AHU2.3	1/31/11	12
Bldg2Mech1 - B84	Caulk on AHU2.2	1/31/11	33
Bldg2Mech1 - B85	Caulk on AHU2.2	1/31/11	11
Bldg2Mech1 - B86	Brown duct sealant on AHU2.2	1/31/11	38
Bldg2Mech1 - B87	Brown duct sealant on AHU2.2	1/31/11	9.1
Bldg2Mech1 - B88	Duplicate of Bldg2Mech1 - B76	1/31/11	19
Bldg2Mech1 - B89	Duplicate of Bldg2Mech1 - B71	1/31/11	ND
Bldg2Mech1 - B90	Duplicate of Bldg2Mech1 - B85	1/31/11	20.0

ND = not detected at the reporting limit

All results for Aroclor 1260 unless otherwise noted

**Table 2 - Wipe Sample Results**  
**U.S. Department of Justice**  
**FBI Academy, Building 1 and 2 Mechanical Rooms**  
**Quantico, Virginia**

Sample ID	Sample Location	Sample Date	Analytical Results ug/100cm <sup>2</sup>
Bldg1Mech1 - W0001	Floor, front of Air Handling Unit 1.2	1/31/11	1.2
Bldg1Mech1 - W0002	Floor, left side of AHU 1.2	1/31/11	ND
Bldg1Mech1 - W0003	Floor, left side of AHU 1.2 by drain	1/31/11	ND
Bldg1Mech1 - W0004	Floor, right side of AHU 1.2 by air inlet	1/31/11	1.9
Bldg1Mech1 - W0005	Floor, front of AHU by sump pump	1/31/11	ND
Bldg1Mech1 - W0006	Inside of AHU 1.2	1/31/11	4.3
Bldg1Mech1 - W0007	Inside of Air Handling Unit 1.1	1/31/11	4.2
Bldg2Mech1-W0008	Floor, Between AHU 2-1 & AHU 2-2	1/31/11	ND
Bldg2Mech1-W0009	Floor, In front of AHU 2-2 inlet	1/31/11	ND
Bldg2Mech1-W0010	Floor, Between AHU 2-2 and door	1/31/11	ND
Bldg2Mech1-W0011	Floor, duplicate of Bldg2Mech1-W0010	1/31/11	ND
Bldg2Mech1-W0012	Floor, Behind AHU 2-2	1/31/11	ND
Bldg2Mech1-W0013	Floor, In front of AHU 2-1 at doorway	1/31/11	ND
Bldg2Mech1-W0014	Floor, Left of AHU 2-1 near doorway	1/31/11	ND
Bldg2Mech1-W0015	Inside of AHU 2-2	1/31/11	ND
Bldg2Mech1-W0016	Inside of AHU 2-1	1/31/11	ND

ND = not detected at the reporting limit

**APPENDIX A**

**LABORATORY ANALYTICAL REPORTS**

# EMSL Analytical, Inc.

<http://www.emsl.com>

3 Cooper St.  
Westmont, NJ 08108  
Phone: (856) 858-4800  
Fax: (856) 858-4571

EMSL

SM

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

2/18/2011

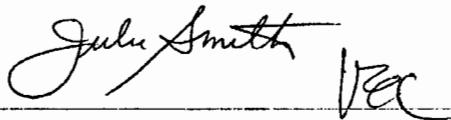
Phone: (301) 548-0382  
Fax: (301) 527-0248

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 2/4/2011. The results are tabulated on the attached data pages for the following client designated project:

**1138.006**

The reference number for these samples is EMSL Order #011100579. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 858-4800.

Reviewed and Approved By:



Julie Smith - Laboratory Director or other approved signatory



The test results contained within this report meet the requirements of NELAC and/or the specific certification program that is applicable, unless otherwise noted.

NJ-NELAP Accredited: 04653

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.



# EMSL Analytical, Inc.

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com



SM

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100579

## Analytical Results

Client Sample Description		Bldg 1 Mech 1 - B01	Collected:	1/31/2011	Lab ID:	0001
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1016	ND	20	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1221	ND	20	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1232	ND	20	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1242	ND	20	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1248	ND	20	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1254	ND	20	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1260	86	20	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1262	ND	20	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1268	ND	20	mg/Kg	2/15/2011	ehernandez
Client Sample Description		Bldg 1 Mech 1 - B02	Collected:	1/31/2011	Lab ID:	0002
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1016	ND	20	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1221	ND	20	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1232	ND	20	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1242	ND	20	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1248	ND	20	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1254	ND	20	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1260	130	20	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1262	ND	20	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1268	ND	20	mg/Kg	2/15/2011	ehernandez
Client Sample Description		Bldg 1 Mech 1 - B03	Collected:	1/31/2011	Lab ID:	0003
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1016	ND	9.6	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1221	ND	9.6	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1232	ND	9.6	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1242	ND	9.6	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1248	ND	9.6	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1254	ND	9.6	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1260	80	9.6	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1262	ND	9.6	mg/Kg	2/15/2011	ehernandez



# EMSL Analytical, Inc.

3 Cooper St., Westmont, NJ 08108

Phone: (866) 858-4800 Fax: (866) 858-4571 Email: jsmith@emsl.com

EMSL

SM

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**  
Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100579

## Analytical Results

Client Sample Description		Bldg 1 Mech 1 - B03	Collected:	1/31/2011	Lab ID:	0003	
Method	Parameter		Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1268		ND	9.6	mg/Kg	2/15/2011	ehernandez
Client Sample Description		Bldg 1 Mech 1 - B04	Collected:	1/31/2011	Lab ID:	0004	
Method	Parameter		Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1016		ND	9.6	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1221		ND	9.6	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1232		ND	9.6	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1242		ND	9.6	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1248		ND	9.6	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1254		ND	9.6	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1260		76	9.6	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1262		ND	9.6	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1268		ND	9.6	mg/Kg	2/15/2011	ehernandez
Client Sample Description		Bldg 1 Mech 1 - B05	Collected:	1/31/2011	Lab ID:	0005	
Method	Parameter		Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1016		ND	20	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1221		ND	20	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1232		ND	20	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1242		ND	20	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1248		ND	20	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1254		ND	20	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1260		110	20	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1262		ND	20	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1268		ND	20	mg/Kg	2/15/2011	ehernandez
Client Sample Description		Bldg 1 Mech 1 - B06	Collected:	1/31/2011	Lab ID:	0006	
Method	Parameter		Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1016		ND	19	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1221		ND	19	mg/Kg	2/15/2011	ehernandez



# EMSL Analytical, Inc.

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com



Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100579

SM

## Analytical Results

Client Sample Description		Collected:	1/31/2011	Lab ID:	0006	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1232	ND	19	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1242	ND	19	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1248	ND	19	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1254	ND	19	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1260	190	19	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1262	ND	19	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1268	ND	19	mg/Kg	2/15/2011	ehernandez
Client Sample Description		Collected:	1/31/2011	Lab ID:	0007	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	0.60	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1221	ND	0.60	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1232	ND	0.60	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1242	ND	0.60	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1248	ND	6.0	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1254	ND	6.0	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1260	54	6.0	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1262	ND	6.0	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1268	ND	0.60	mg/Kg	2/11/2011	ehernandez
Client Sample Description		Collected:	1/31/2011	Lab ID:	0008	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	32	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1221	ND	32	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1232	ND	32	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1242	ND	32	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1248	ND	32	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1254	ND	32	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1260	310	32	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1262	ND	32	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1268	ND	32	mg/Kg	2/11/2011	ehernandez



# EMSL Analytical, Inc.

3 Cooper St., Westmont, NJ 08108

Phone: (866) 858-4800

Fax: (866) 858-4571

Email: jsmith@emsl.com



Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248      Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100579

SM

## Analytical Results

Client Sample Description		Collected:	1/31/2011	Lab ID:	0009	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	30	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1221	ND	30	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1232	ND	30	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1242	ND	30	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1248	ND	30	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1254	ND	30	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1260	180	30	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1262	ND	30	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1268	ND	30	mg/Kg	2/11/2011	ehernandez
Client Sample Description		Collected:	1/31/2011	Lab ID:	0010	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	10	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1221	ND	10	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1232	ND	10	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1242	ND	10	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1248	ND	50	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1254	ND	50	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1260	320	50	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1262	ND	50	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1268	ND	10	mg/Kg	2/11/2011	ehernandez
Client Sample Description		Collected:	1/31/2011	Lab ID:	0011	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	27	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1221	ND	27	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1232	ND	27	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1242	ND	27	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1248	ND	27	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1254	ND	27	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1260	200	27	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1262	ND	27	mg/Kg	2/11/2011	ehernandez



# EMSL Analytical, Inc.

3 Cooper St., Westmont, NJ 08108

Phone: (866) 868-4800 Fax: (866) 868-4571 Email: jsmith@emsl.com



Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100579

SM

## Analytical Results

Client Sample Description		Collected:	1/31/2011	Lab ID:	0011	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1268	ND	27	mg/Kg	2/11/2011	ehernandez
Client Sample Description		Collected:	1/31/2011	Lab ID:	0012	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	37	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1221	ND	37	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1232	ND	37	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1242	ND	37	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1248	ND	37	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1254	ND	37	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1260	340	37	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1262	ND	37	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1268	ND	37	mg/Kg	2/11/2011	ehernandez
Client Sample Description		Collected:	1/31/2011	Lab ID:	0013	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	56	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1221	ND	56	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1232	ND	56	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1242	ND	56	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1248	ND	56	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1254	ND	56	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1260	380	56	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1262	ND	56	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1268	ND	56	mg/Kg	2/11/2011	ehernandez
Client Sample Description		Collected:	1/31/2011	Lab ID:	0014	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	87	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1221	ND	87	mg/Kg	2/11/2011	ehernandez



# EMSL Analytical, Inc.

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com



SM

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100579

## Analytical Results

Client Sample Description		Bldg 1 Mech 1 - B14	Collected:	1/31/2011	Lab ID:	0014
Method	Parameter	Concentration	Reporting			Analyst
			Limit	Units	Analysis Date	
3540C/8082	Aroclor-1232	ND	87	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1242	ND	87	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1248	ND	87	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1254	ND	87	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1260	590	87	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1262	ND	87	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1268	ND	87	mg/Kg	2/11/2011	ehernandez
Client Sample Description		Bldg 1 Mech 1 - B15	Collected:	1/31/2011	Lab ID:	0015
Method	Parameter	Concentration	Reporting			Analyst
			Limit	Units	Analysis Date	
3540C/8082	Aroclor-1016	ND	120	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1221	ND	120	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1232	ND	120	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1242	ND	120	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1248	ND	120	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1254	ND	120	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1260	690	120	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1262	ND	120	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1268	ND	120	mg/Kg	2/11/2011	ehernandez
Client Sample Description		Bldg 1 Mech 1 - B16	Collected:	1/31/2011	Lab ID:	0016
Method	Parameter	Concentration	Reporting			Analyst
			Limit	Units	Analysis Date	
3540C/8082	Aroclor-1016	ND	51	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1221	ND	51	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1232	ND	51	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1242	ND	51	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1248	ND	51	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1254	ND	51	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1260	350	51	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1262	ND	51	mg/Kg	2/11/2011	ehernandez
3540C/8082	Aroclor-1268	ND	51	mg/Kg	2/11/2011	ehernandez



# EMSL Analytical, Inc.

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com



Attn: Christopher Younger  
**Total Environmental Concepts, Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100579

SM

## Analytical Results

Client Sample Description		Bldg 1 Mech 1 - B17	Collected:	1/31/2011	Lab ID:	0017
Method	Parameter	Concentration	Reporting		Analysis Date	Analyst
			Limit	Units		
3540C/8082	Aroclor-1016	ND	54	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1221	ND	54	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1232	ND	54	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1242	ND	54	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1248	ND	54	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1254	ND	54	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1260	380	54	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1262	ND	54	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1268	ND	54	mg/Kg	2/15/2011	ehernandez
Client Sample Description		Bldg 1 Mech 1 - B18	Collected:	1/31/2011	Lab ID:	0018
Method	Parameter	Concentration	Reporting		Analysis Date	Analyst
			Limit	Units		
3540C/8082	Aroclor-1016	ND	72	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1221	ND	72	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1232	ND	72	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1242	ND	72	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1248	ND	72	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1254	ND	72	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1260	590	72	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1262	ND	72	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1268	ND	72	mg/Kg	2/15/2011	ehernandez
Client Sample Description		Bldg 1 Mech 1 - B19	Collected:	1/31/2011	Lab ID:	0019
Method	Parameter	Concentration	Reporting		Analysis Date	Analyst
			Limit	Units		
3540C/8082	Aroclor-1016	ND	47	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1221	ND	47	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1232	ND	47	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1242	ND	47	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1248	ND	47	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1254	ND	47	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1260	410	47	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1262	ND	47	mg/Kg	2/15/2011	ehernandez

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100579

### Analytical Results

<i>Client Sample Description</i>	Bldg 1 Mech 1 - B19	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0019
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3540C/8082	Aroclor-1268	ND	47	mg/Kg	2/15/2011
<i>Client Sample Description</i>	Bldg 1 Mech 1 - B20	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0020
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3540C/8082	Aroclor-1016	ND	96	mg/Kg	2/15/2011
3540C/8082	Aroclor-1221	ND	96	mg/Kg	2/15/2011
3540C/8082	Aroclor-1232	ND	96	mg/Kg	2/15/2011
3540C/8082	Aroclor-1242	ND	96	mg/Kg	2/15/2011
3540C/8082	Aroclor-1248	ND	96	mg/Kg	2/15/2011
3540C/8082	Aroclor-1254	ND	96	mg/Kg	2/15/2011
3540C/8082	Aroclor-1260	670	96	mg/Kg	2/15/2011
3540C/8082	Aroclor-1262	ND	96	mg/Kg	2/15/2011
3540C/8082	Aroclor-1268	ND	96	mg/Kg	2/15/2011
<i>Client Sample Description</i>	Bldg 1 Mech 1 - B21	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0021
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3540C/8082	Aroclor-1016	ND	74	mg/Kg	2/15/2011
3540C/8082	Aroclor-1221	ND	74	mg/Kg	2/15/2011
3540C/8082	Aroclor-1232	ND	74	mg/Kg	2/15/2011
3540C/8082	Aroclor-1242	ND	74	mg/Kg	2/15/2011
3540C/8082	Aroclor-1248	ND	74	mg/Kg	2/15/2011
3540C/8082	Aroclor-1254	ND	74	mg/Kg	2/15/2011
3540C/8082	Aroclor-1260	460	74	mg/Kg	2/15/2011
3540C/8082	Aroclor-1262	ND	74	mg/Kg	2/15/2011
3540C/8082	Aroclor-1268	ND	74	mg/Kg	2/15/2011
<i>Client Sample Description</i>	Bldg 1 Mech 1 - B22	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0022
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3540C/8082	Aroclor-1016	ND	52	mg/Kg	2/15/2011
3540C/8082	Aroclor-1221	ND	52	mg/Kg	2/15/2011



# EMSL Analytical, Inc.

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com



SM

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100579

## Analytical Results

Client Sample Description		Collected:	1/31/2011	Lab ID:	0022	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1232	ND	52	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1242	ND	52	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1248	ND	52	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1254	ND	52	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1260	340	52	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1262	ND	52	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1268	ND	52	mg/Kg	2/15/2011	ehernandez
Client Sample Description		Collected:	1/31/2011	Lab ID:	0023	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	130	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1221	ND	130	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1232	ND	130	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1242	ND	130	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1248	ND	130	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1254	ND	130	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1260	700	130	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1262	ND	130	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1268	ND	130	mg/Kg	2/15/2011	ehernandez
Client Sample Description		Collected:	1/31/2011	Lab ID:	0024	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	130	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1221	ND	130	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1232	ND	130	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1242	ND	130	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1248	ND	130	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1254	ND	130	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1260	1200	130	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1262	ND	130	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1268	ND	130	mg/Kg	2/15/2011	ehernandez



# EMSL Analytical, Inc.

3 Cooper St., Westmont, NJ 08108

Phone: (866) 858-4800 Fax: (866) 858-4571 Email: jsmit@emsl.com



SM

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100579

## Analytical Results

Client Sample Description		Collected:	1/31/2011	Lab ID:	0025
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3550B/8082	Aroclor-1016	ND	0.98	mg/Kg	2/15/2011
3550B/8082	Aroclor-1221	ND	0.98	mg/Kg	2/15/2011
3550B/8082	Aroclor-1232	ND	0.98	mg/Kg	2/15/2011
3550B/8082	Aroclor-1242	ND	0.98	mg/Kg	2/15/2011
3550B/8082	Aroclor-1248	ND	0.98	mg/Kg	2/15/2011
3550B/8082	Aroclor-1254	ND	0.98	mg/Kg	2/15/2011
3550B/8082	Aroclor-1260	7.4	0.98	mg/Kg	2/15/2011
3550B/8082	Aroclor-1262	ND	0.98	mg/Kg	2/15/2011
3550B/8082	Aroclor-1268	ND	0.98	mg/Kg	2/15/2011
Client Sample Description		Collected:	1/31/2011	Lab ID:	0026
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3550B/8082	Aroclor-1016	ND	0.94	mg/Kg	2/15/2011
3550B/8082	Aroclor-1221	ND	0.94	mg/Kg	2/15/2011
3550B/8082	Aroclor-1232	ND	0.94	mg/Kg	2/15/2011
3550B/8082	Aroclor-1242	ND	0.94	mg/Kg	2/15/2011
3550B/8082	Aroclor-1248	ND	0.94	mg/Kg	2/15/2011
3550B/8082	Aroclor-1254	ND	0.94	mg/Kg	2/15/2011
3550B/8082	Aroclor-1260	5.5	0.94	mg/Kg	2/15/2011
3550B/8082	Aroclor-1262	ND	0.94	mg/Kg	2/15/2011
3550B/8082	Aroclor-1268	ND	0.94	mg/Kg	2/15/2011
Client Sample Description		Collected:	1/31/2011	Lab ID:	0027
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3550B/8082	Aroclor-1016	ND	0.94	mg/Kg	2/14/2011
3550B/8082	Aroclor-1221	ND	0.94	mg/Kg	2/14/2011
3550B/8082	Aroclor-1232	ND	0.94	mg/Kg	2/14/2011
3550B/8082	Aroclor-1242	ND	0.94	mg/Kg	2/14/2011
3550B/8082	Aroclor-1248	ND	0.94	mg/Kg	2/14/2011
3550B/8082	Aroclor-1254	ND	0.94	mg/Kg	2/14/2011
3550B/8082	Aroclor-1260	ND	0.94	mg/Kg	2/14/2011
3550B/8082	Aroclor-1262	ND	0.94	mg/Kg	2/14/2011



# EMSL Analytical, Inc.

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com

**EMSL**

SM

Attn: **Christopher Younger**  
**Total Environmental Concepts, Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100579

## Analytical Results

<i>Client Sample Description</i>	Bldg 1 Mech 1 - B27	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0027
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3550B/8082	Aroclor-1268	ND	0.94	mg/Kg	2/14/2011 ehernandez
<i>Client Sample Description</i>	Bldg 1 Mech 1 - B28	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0028
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3550B/8082	Aroclor-1016	ND	0.64	mg/Kg	2/15/2011 ehernandez
3550B/8082	Aroclor-1221	ND	0.64	mg/Kg	2/15/2011 ehernandez
3550B/8082	Aroclor-1232	ND	0.64	mg/Kg	2/15/2011 ehernandez
3550B/8082	Aroclor-1242	ND	0.64	mg/Kg	2/15/2011 ehernandez
3550B/8082	Aroclor-1248	ND	0.64	mg/Kg	2/15/2011 ehernandez
3550B/8082	Aroclor-1254	ND	0.64	mg/Kg	2/15/2011 ehernandez
3550B/8082	Aroclor-1260	1.1	0.64	mg/Kg	2/15/2011 ehernandez
3550B/8082	Aroclor-1262	ND	0.64	mg/Kg	2/15/2011 ehernandez
3550B/8082	Aroclor-1268	ND	0.64	mg/Kg	2/15/2011 ehernandez
<i>Client Sample Description</i>	Bldg 1 Mech 1 - B29	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0029
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3550B/8082	Aroclor-1016	ND	0.96	mg/Kg	2/14/2011 ehernandez
3550B/8082	Aroclor-1221	ND	0.96	mg/Kg	2/14/2011 ehernandez
3550B/8082	Aroclor-1232	ND	0.96	mg/Kg	2/14/2011 ehernandez
3550B/8082	Aroclor-1242	ND	0.96	mg/Kg	2/14/2011 ehernandez
3550B/8082	Aroclor-1248	ND	0.96	mg/Kg	2/14/2011 ehernandez
3550B/8082	Aroclor-1254	ND	0.96	mg/Kg	2/14/2011 ehernandez
3550B/8082	Aroclor-1260	6.0	0.96	mg/Kg	2/14/2011 ehernandez
3550B/8082	Aroclor-1262	ND	0.96	mg/Kg	2/14/2011 ehernandez
3550B/8082	Aroclor-1268	ND	0.96	mg/Kg	2/14/2011 ehernandez
<i>Client Sample Description</i>	Bldg 1 Mech 1 - B30	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0030
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3550B/8082	Aroclor-1016	ND	3.1	mg/Kg	2/15/2011 ehernandez
3550B/8082	Aroclor-1221	ND	3.1	mg/Kg	2/15/2011 ehernandez



EMSL Analytical, Inc.

3 Cooper St., Westmont, NJ 08108

Phone: (866) 858-4800 Fax: (866) 858-4571 Email: jsmith@emsl.com

EMSL

SM

Attn: **Christopher Younger**  
**Total Environmental Concepts, Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100579

### Analytical Results

Client Sample Description	Bldg 1 Mech 1 - B30	Collected:	1/31/2011	Lab ID:	0030	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1232	ND	3.1	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1242	ND	3.1	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1248	ND	3.1	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1254	ND	3.1	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1260	22	3.1	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1262	ND	3.1	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1268	ND	3.1	mg/Kg	2/15/2011	ehernandez

Client Sample Description	Bldg 1 Mech 1 - B31	Collected:	1/31/2011	Lab ID:	0031	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	9.6	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1221	ND	9.6	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1232	ND	9.6	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1242	ND	9.6	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1248	ND	9.6	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1254	ND	9.6	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1260	58	9.6	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1262	ND	9.6	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1268	ND	9.6	mg/Kg	2/15/2011	ehernandez

Client Sample Description	Bldg 1 Mech 1 - B32	Collected:	1/31/2011	Lab ID:	0032	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	17	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1221	ND	17	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1232	ND	17	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1242	ND	17	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1248	ND	17	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1254	ND	17	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1260	100	17	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1262	ND	17	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1268	ND	17	mg/Kg	2/15/2011	ehernandez



**EMSL Analytical, Inc.**  
3 Cooper St., Westmont, NJ 08108

Phone: (866) 858-4800 Fax: (866) 858-4571 Email: jsmit@emsl.com

**EMSL**

SM

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100579

### Analytical Results

<i>Client Sample Description</i>	Bldg 1 Mech 1 - B33	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0033
----------------------------------	---------------------	-------------------	-----------	----------------	------

<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>	<i>Analyst</i>
3540C/8082	Aroclor-1016	ND	11	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1221	ND	11	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1232	ND	11	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1242	ND	11	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1248	ND	11	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1254	ND	11	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1260	83	11	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1262	ND	11	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1268	ND	11	mg/Kg	2/15/2011	ehernandez

<i>Client Sample Description</i>	Bldg 1 Mech 1 - B34	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0034
----------------------------------	---------------------	-------------------	-----------	----------------	------

<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>	<i>Analyst</i>
3540C/8082	Aroclor-1016	ND	40	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1221	ND	40	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1232	ND	40	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1242	ND	40	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1248	ND	40	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1254	ND	40	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1260	260	40	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1262	ND	40	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1268	ND	40	mg/Kg	2/15/2011	ehernandez

<i>Client Sample Description</i>	Bldg 1 Mech 1 - B35	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0035
----------------------------------	---------------------	-------------------	-----------	----------------	------

<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>	<i>Analyst</i>
3540C/8082	Aroclor-1016	ND	34	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1221	ND	34	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1232	ND	34	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1242	ND	34	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1248	ND	34	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1254	ND	34	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1260	200	34	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1262	ND	34	mg/Kg	2/15/2011	ehernandez



# EMSL Analytical, Inc.

3 Cooper St., Westmont, NJ 08108

Phone: (866) 868-4800 Fax: (866) 868-4571 Email: jsmith@emsl.com



SM

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100579

## Analytical Results

<i>Client Sample Description</i>	Bldg 1 Mech 1 - B35	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0035
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3540C/8082	Aroclor-1268	ND	34	mg/Kg	2/15/2011
<i>Client Sample Description</i>	Bldg 1 Mech 1 - B36	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0036
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3540C/8082	Aroclor-1016	ND	14	mg/Kg	2/15/2011
3540C/8082	Aroclor-1221	ND	14	mg/Kg	2/15/2011
3540C/8082	Aroclor-1232	ND	14	mg/Kg	2/15/2011
3540C/8082	Aroclor-1242	ND	14	mg/Kg	2/15/2011
3540C/8082	Aroclor-1248	ND	14	mg/Kg	2/15/2011
3540C/8082	Aroclor-1254	ND	14	mg/Kg	2/15/2011
3540C/8082	Aroclor-1260	69	14	mg/Kg	2/15/2011
3540C/8082	Aroclor-1262	ND	14	mg/Kg	2/15/2011
3540C/8082	Aroclor-1268	ND	14	mg/Kg	2/15/2011
<i>Client Sample Description</i>	Bldg 1 Mech 1 - B37	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0037
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3540C/8082	Aroclor-1016	ND	540	mg/Kg	2/15/2011
3540C/8082	Aroclor-1221	ND	540	mg/Kg	2/15/2011
3540C/8082	Aroclor-1232	ND	540	mg/Kg	2/15/2011
3540C/8082	Aroclor-1242	ND	540	mg/Kg	2/15/2011
3540C/8082	Aroclor-1248	ND	540	mg/Kg	2/15/2011
3540C/8082	Aroclor-1254	ND	540	mg/Kg	2/15/2011
3540C/8082	Aroclor-1260	6900	540	mg/Kg	2/15/2011
3540C/8082	Aroclor-1262	ND	540	mg/Kg	2/15/2011
3540C/8082	Aroclor-1268	ND	540	mg/Kg	2/15/2011
<i>Client Sample Description</i>	Bldg 1 Mech 1 - B38	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0038
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3540C/8082	Aroclor-1016	ND	240	mg/Kg	2/15/2011
3540C/8082	Aroclor-1221	ND	240	mg/Kg	2/15/2011



# EMSL Analytical, Inc.

3 Cooper St., Westmont, NJ 08108

Phone: (866) 858-4800 Fax: (866) 858-4571 Email: jsmith@emsl.com



Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100579

## Analytical Results

Client Sample Description		Bldg 1 Mech 1 - B38	Collected:	1/31/2011	Lab ID:	0038
Method	Parameter	Concentration	Reporting			Analyst
			Limit	Units	Analysis Date	
3540C/8082	Aroclor-1232	ND	240	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1242	ND	240	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1248	ND	240	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1254	ND	240	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1260	770	240	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1262	ND	240	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1268	ND	240	mg/Kg	2/15/2011	ehernandez
Client Sample Description		Bldg 1 Mech 1 - B39	Collected:	1/31/2011	Lab ID:	0039
Method	Parameter	Concentration	Reporting			Analyst
			Limit	Units	Analysis Date	
3540C/8082	Aroclor-1016	ND	740	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1221	ND	740	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1232	ND	740	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1242	ND	740	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1248	ND	740	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1254	ND	740	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1260	8600	740	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1262	ND	740	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1268	ND	740	mg/Kg	2/15/2011	ehernandez
Client Sample Description		Bldg 1 Mech 1 - B40	Collected:	1/31/2011	Lab ID:	0040
Method	Parameter	Concentration	Reporting			Analyst
			Limit	Units	Analysis Date	
3540C/8082	Aroclor-1016	ND	45	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1221	ND	45	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1232	ND	45	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1242	ND	45	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1248	ND	45	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1254	ND	45	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1260	190	45	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1262	ND	45	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1268	ND	45	mg/Kg	2/15/2011	ehernandez



**EMSL Analytical, Inc.**

3 Cooper St., Westmont, NJ 08108

Phone: (866) 858-4800 Fax: (866) 858-4571 Email: jsmith@emsl.com



SM

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100579

### Analytical Results

<i>Client Sample Description</i>	Bldg 1 Mech 1 - B41	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0041
----------------------------------	---------------------	-------------------	-----------	----------------	------

<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>	<i>Analyst</i>
3540C/8082	Aroclor-1016	ND	19	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1221	ND	19	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1232	ND	19	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1242	ND	19	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1248	ND	19	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1254	ND	19	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1260	67	19	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1262	ND	19	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1268	ND	19	mg/Kg	2/15/2011	ehernandez

<i>Client Sample Description</i>	Bldg 1 Mech 1 - B42	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0042
----------------------------------	---------------------	-------------------	-----------	----------------	------

<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>	<i>Analyst</i>
3540C/8082	Aroclor-1016	ND	19	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1221	ND	19	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1232	ND	19	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1242	ND	19	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1248	ND	19	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1254	ND	19	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1260	120	19	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1262	ND	19	mg/Kg	2/15/2011	ehernandez
3540C/8082	Aroclor-1268	ND	19	mg/Kg	2/15/2011	ehernandez

<i>Client Sample Description</i>	Bldg 1 Mech 1 - B43	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0043
----------------------------------	---------------------	-------------------	-----------	----------------	------

<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>	<i>Analyst</i>
3550B/8082	Aroclor-1016	ND	4.7	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1221	ND	4.7	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1232	ND	4.7	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1242	ND	4.7	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1248	ND	4.7	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1254	ND	4.7	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1260	82	4.7	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1262	ND	4.7	mg/Kg	2/15/2011	ehernandez



# EMSL Analytical, Inc.

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com

**EMSL**

SM

Attn: **Christopher Younger**  
**Total Environmental Concepts, Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**  
Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100579

## Analytical Results

Client Sample Description		Bldg 1 Mech 1 - B43	Collected:	1/31/2011	Lab ID:	0043
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1268	ND	4.7	mg/Kg	2/15/2011	ehernandez
Client Sample Description		Bldg 1 Mech 1 - B44	Collected:	1/31/2011	Lab ID:	0044
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	140	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1221	ND	140	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1232	ND	140	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1242	ND	140	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1248	ND	140	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1254	ND	140	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1260	640	140	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1262	ND	140	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1268	ND	140	mg/Kg	2/16/2011	ehernandez
Client Sample Description		Bldg 1 Mech 1 - B45	Collected:	1/31/2011	Lab ID:	0045
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1016	ND	0.63	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1221	ND	0.63	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1232	ND	0.63	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1242	ND	0.63	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1248	ND	0.63	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1254	ND	0.63	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1260	1.0	0.63	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1262	ND	0.63	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1268	ND	0.63	mg/Kg	2/15/2011	ehernandez
Client Sample Description		Bldg 1 Mech 1 - B46	Collected:	1/31/2011	Lab ID:	0046
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	1000	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1221	ND	1000	mg/Kg	2/16/2011	ehernandez

**EMSL Analytical, Inc.**

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmit@emsl.com



Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100579

**Analytical Results**

<i>Client Sample Description</i>	Bldg 1 Mech 1 - B46	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0046	
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>	<i>Analyst</i>
3540C/8082	Aroclor-1232	ND	1000	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1242	ND	1000	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1248	ND	1000	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1254	ND	1000	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1260	7200	1000	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1262	ND	1000	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1268	ND	1000	mg/Kg	2/16/2011	ehernandez

**Definitions:**

ND - indicates that the analyte was not detected at the reporting limit



Environmental Chemistry Chain of Custody  
EMSL Order Number(Lab Use Only):

Westmont, NJ  
3 Cooper Street  
Westmont, NJ 08108  
PHONE: 1-800-220-3675  
FAX: (856) 858-4960

011100579

Company: Total Environmental Concepts				EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments** Third Party Billing requires written authorization from third party				
Street: 15 Park Avenue								
City/State/Zip: Gaithersburg, MD 20877								
Report To (Name): Christopher Younger				Fax:				
Telephone: 301-922-8075				Email Address: cyounger@totalenvironmental.net				
Project Name/Number: 1138.006								
Please Provide Results: Email		Purchase Order:		State Samples Taken: VA				
Standard Turnaround Time: <input checked="" type="checkbox"/> 2 Weeks		The following TAT's are subject to lab approval: <input type="checkbox"/> 1 Week <input type="checkbox"/> 4 Days <input type="checkbox"/> 3 Days <input type="checkbox"/> 2 Days <input type="checkbox"/> 1 Day						
Failure to complete will hinder processing of samples								
Client Sample ID	Comp	Grab	Date/Time	Matrix	Preservative	List Test(s) Needed		Comments
				W=Water So=Soli A=Air SL=Sludge O= Other	1=HCL 2=HNO3 3=H2SO4 4=ICE 5=Other	PB		
(1) B1dg1 Mesh 1-	B01		1/31/11	bulk	KClO4	-		
(2)	-B02					-		
(3)	-B03					-		
(4)	-B04					-		
(5)	B05					-		
(6)	B06					-		
(7)	B07					-		.
Released By (Signature)		Date & Time		Received By		Date & Time		
C.L. Cr		1/31/11		SR		2/4/11 12:00 pm		
Please indicate reporting requirements: <input type="checkbox"/> Results Only <input type="checkbox"/> Results and QC <input type="checkbox"/> Reduced Deliverables <input type="checkbox"/> Disk Deliverable <input type="checkbox"/> Other _____								
Comments/Special Instructions:  <u>* Client aware of insufficient volume ok to proceed 2/100L</u>								

Controlled Document - Environmental Chemistry COC - EC1.0 - 11/23/2009

Page 1 of 4 Pages



Environmental Chemistry Chain of Custody  
EMSL Order Number(Lab Use Only):

011100579

Westmont, NJ  
3 Cooper Street  
Westmont, NJ 08108  
PHONE: 1-800-220-3675  
FAX: (856) 858-4980

Failure to complete will hinder processing of samples				Matrix	Preservative	List Test(s) Needed						Comments	
Client Sample ID	Comp	Grab	Date/Time	W=Water S=Soil A=Air SL=Sludge O=Other	1=HCL 2=INCO3 3=H2SO4 4=dCE 5=Other	D							
(8) Bldg1Noch1-B08			1/31/11	BULK	1a	-							-
(9) B09						-							-
(10) B10						-							-
(11) B11						-							-
(12) B12						-							-
(13) B13						-							-
(14) B14						-							-
(15) B15						-							-
(16) B16						-							-
(17) B17						-							-
(18) B18						-							-
(19) B19						-							-
(20) B20						-							-
(21) B21						-							-
(22) B22						-							-
(23) B23						-							-
(24) B24			V	V		-							-

Comments/Special Instructions:

Controlled Document - Environmental Chemistry COC - EC1.0 - 11/23/2009

Page 2 of 4 Pages



Environmental Chemistry Chain of Custody  
EMSL Order Number(Lab Use Only):

01110579

Westmont, NJ  
3 Cooper Street  
Westmont, NJ 08108  
PHONE: 1-800-220-3875  
FAX: (856) 858-4980

Failure to complete will hinder processing of samples				Matrix	Preservative	List Test(s) Needed			Comments
Client Sample ID	Comp	Grab	Date/Time	W=Water S=Soil A=Air Sl=Sludge O= Other	1=HCL 2=HNO3 3=H2SO4 4=CE 5=Other	R	9		
(35) Bldg 1 Mech 1-B25			1/31/11	soil					
(36) B26									
(37) B27									
(38) B28									
(39) B29									
(40) B30									
(41) B31									
(42) B32									
(43) B33									
(44) B34									
(45) B35									
(46) B36									
(47) B37									
(48) B38									
(49) B39									
(50) B40									
(51) B41									

Comments/Special Instructions:

Controlled Document - Environmental Chemistry COC - EC1.0 - 11/23/2009

Page 3 of 4 Pages



**Environmental Chemistry Chain of Custody  
EMSL Order Number(Lab Use Only):**

**Westmont, NJ**  
**3 Cooper Street**  
**Westmont, NJ 08108**  
**PHONE: 1-800-220-3675**  
**FAX: (856) 858-4960**

Controlled Document – Environmental Chemistry COC – EC1.0 – 11/23/2009

11/23/2009  
Page 4 of 4 Pages

# EMSL Analytical, Inc.

<http://www.emsl.com>

3 Cooper St.  
Westmont, NJ 08108  
Phone: (856) 858-4800  
Fax: (856) 858-4571



Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

2/18/2011

Phone: (301) 548-0382  
Fax: (301) 527-0248

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 2/4/2011. The results are tabulated on the attached data pages for the following client designated project:

**1138.006**

The reference number for these samples is EMSL Order #011100580. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 858-4800.

Reviewed and Approved By:

A handwritten signature of Julie Smith, which includes a stylized "J" and "S" followed by "REC" underneath.

Julie Smith - Laboratory Director or other approved signatory



The test results contained within this report meet the requirements of NELAC and/or the specific certification program that is applicable, unless otherwise noted.

NJ-NELAP Accredited: 04653

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.



# EMSL Analytical, Inc.

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com

**EMSL**

SM

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100580

## Analytical Results

Client Sample Description		Collected:	1/31/2011	Lab ID:	0001	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1016	ND	0.62	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1221	ND	0.62	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1232	ND	0.62	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1242	ND	0.62	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1248	ND	0.62	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1254	ND	0.62	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1260	ND	0.62	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1262	ND	0.62	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1268	ND	0.62	mg/Kg	2/15/2011	ehernandez
Client Sample Description		Collected:	1/31/2011	Lab ID:	0002	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1016	ND	1.0	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1221	ND	1.0	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1232	ND	1.0	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1242	ND	1.0	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1248	ND	1.0	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1254	ND	1.0	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1260	ND	1.0	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1262	ND	1.0	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1268	ND	1.0	mg/Kg	2/15/2011	ehernandez
Client Sample Description		Collected:	1/31/2011	Lab ID:	0003	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1016	ND	0.53	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1221	ND	0.53	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1232	ND	0.53	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1242	ND	0.53	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1248	ND	0.53	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1254	ND	0.53	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1260	ND	0.53	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1262	ND	0.53	mg/Kg	2/15/2011	ehernandez

EMSL

**EMSL Analytical, Inc.**

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com

EMSL

SM

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100580

**Analytical Results**

<i>Client Sample Description</i>	Bldg 2 Mech 1 - B49	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0003
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3550B/8082	Aroclor-1268	ND	0.53	mg/Kg	2/15/2011 ehernandez
<i>Client Sample Description</i>	Bldg 2 Mech 1 - B50	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0004
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3550B/8082	Aroclor-1016	ND	0.50	mg/Kg	2/15/2011 ehernandez
3550B/8082	Aroclor-1221	ND	0.50	mg/Kg	2/15/2011 ehernandez
3550B/8082	Aroclor-1232	ND	0.50	mg/Kg	2/15/2011 ehernandez
3550B/8082	Aroclor-1242	ND	0.50	mg/Kg	2/15/2011 ehernandez
3550B/8082	Aroclor-1248	ND	0.50	mg/Kg	2/15/2011 ehernandez
3550B/8082	Aroclor-1254	ND	0.50	mg/Kg	2/15/2011 ehernandez
3550B/8082	Aroclor-1260	ND	0.50	mg/Kg	2/15/2011 ehernandez
3550B/8082	Aroclor-1262	ND	0.50	mg/Kg	2/15/2011 ehernandez
3550B/8082	Aroclor-1268	ND	0.50	mg/Kg	2/15/2011 ehernandez
<i>Client Sample Description</i>	Bldg 2 Mech 1 - B51	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0005
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3550B/8082	Aroclor-1016	ND	0.52	mg/Kg	2/15/2011 ehernandez
3550B/8082	Aroclor-1221	ND	0.52	mg/Kg	2/15/2011 ehernandez
3550B/8082	Aroclor-1232	ND	0.52	mg/Kg	2/15/2011 ehernandez
3550B/8082	Aroclor-1242	ND	0.52	mg/Kg	2/15/2011 ehernandez
3550B/8082	Aroclor-1248	ND	0.52	mg/Kg	2/15/2011 ehernandez
3550B/8082	Aroclor-1254	ND	0.52	mg/Kg	2/15/2011 ehernandez
3550B/8082	Aroclor-1260	ND	0.52	mg/Kg	2/15/2011 ehernandez
3550B/8082	Aroclor-1262	ND	0.52	mg/Kg	2/15/2011 ehernandez
3550B/8082	Aroclor-1268	ND	0.52	mg/Kg	2/15/2011 ehernandez
<i>Client Sample Description</i>	Bldg 2 Mech 1 - B52	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0006
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3550B/8082	Aroclor-1016	ND	0.93	mg/Kg	2/15/2011 ehernandez
3550B/8082	Aroclor-1221	ND	0.93	mg/Kg	2/15/2011 ehernandez



**EMSL Analytical, Inc.**

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com



SM

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100580

### Analytical Results

<i>Client Sample Description</i>	Bldg 2 Mech 1 - B52	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0006
----------------------------------	---------------------	-------------------	-----------	----------------	------

<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>	<i>Analyst</i>
3550B/8082	Aroclor-1232	ND	0.93	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1242	ND	0.93	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1248	ND	0.93	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1254	ND	0.93	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1260	ND	0.93	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1262	ND	0.93	mg/Kg	2/15/2011	ehernandez
3550B/8082	Aroclor-1268	ND	0.93	mg/Kg	2/15/2011	ehernandez

<i>Client Sample Description</i>	Bldg 2 Mech 1 - B53	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0007
----------------------------------	---------------------	-------------------	-----------	----------------	------

<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>	<i>Analyst</i>
3540C/8082	Aroclor-1016	ND	12	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1221	ND	12	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1232	ND	12	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1242	ND	12	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1248	ND	12	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1254	ND	12	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1260	75	12	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1262	ND	12	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1268	ND	12	mg/Kg	2/16/2011	ehernandez

<i>Client Sample Description</i>	Bldg 2 Mech 1 - B54	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0008
----------------------------------	---------------------	-------------------	-----------	----------------	------

<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>	<i>Analyst</i>
3540C/8082	Aroclor-1016	ND	11	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1221	ND	11	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1232	ND	11	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1242	ND	11	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1248	ND	11	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1254	ND	11	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1260	66	11	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1262	ND	11	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1268	ND	11	mg/Kg	2/16/2011	ehernandez



**EMSL Analytical, Inc.**  
3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com



SM

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100580

### Analytical Results

Client Sample Description		Collected:	1/31/2011	Lab ID:	0009	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	3.9	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1221	ND	3.9	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1232	ND	3.9	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1242	ND	3.9	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1248	ND	3.9	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1254	ND	3.9	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1260	22	3.9	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1262	ND	3.9	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1268	ND	3.9	mg/Kg	2/16/2011	ehernandez
Client Sample Description		Collected:	1/31/2011	Lab ID:	0010	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	14	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1221	ND	14	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1232	ND	14	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1242	ND	14	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1248	ND	14	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1254	ND	14	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1260	67	14	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1262	ND	14	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1268	ND	14	mg/Kg	2/16/2011	ehernandez
Client Sample Description		Collected:	1/31/2011	Lab ID:	0011	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	13	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1221	ND	13	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1232	ND	13	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1242	ND	13	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1248	ND	13	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1254	ND	13	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1260	86	13	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1262	ND	13	mg/Kg	2/16/2011	ehernandez



# EMSL Analytical, Inc.

3 Cooper St, Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com



Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100580

SM

## Analytical Results

Client Sample Description		Collected:	1/31/2011	Lab ID:	0011	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1268	ND	13	mg/Kg	2/16/2011	ehernandez
Client Sample Description		Collected:	1/31/2011	Lab ID:	0012	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	18	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1221	ND	18	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1232	ND	18	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1242	ND	18	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1248	ND	18	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1254	ND	18	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1260	89	18	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1262	ND	18	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1268	ND	18	mg/Kg	2/16/2011	ehernandez
Client Sample Description		Collected:	1/31/2011	Lab ID:	0013	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	0.90	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1221	ND	0.90	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1232	ND	0.90	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1242	ND	0.90	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1248	ND	0.90	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1254	ND	0.90	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1260	6.8	0.90	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1262	ND	0.90	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1268	ND	0.90	mg/Kg	2/16/2011	ehernandez
Client Sample Description		Collected:	1/31/2011	Lab ID:	0014	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	2.7	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1221	ND	2.7	mg/Kg	2/16/2011	ehernandez

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100580

### Analytical Results

<i>Client Sample Description</i>		<i>Collected:</i>		<i>Lab ID:</i>		<i>Analyst</i>
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>	
3540C/8082	Aroclor-1232	ND	2.7	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1242	ND	2.7	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1248	ND	2.7	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1254	ND	2.7	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1260	8.5	2.7	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1262	ND	2.7	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1268	ND	2.7	mg/Kg	2/16/2011	ehernandez
<i>Client Sample Description</i>		<i>Collected:</i>		<i>Lab ID:</i>		
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>	<i>Analyst</i>
3540C/8082	Aroclor-1016	ND	0.56	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1221	ND	0.56	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1232	ND	0.56	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1242	ND	0.56	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1248	ND	0.56	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1254	ND	0.56	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1260	2.4	0.56	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1262	ND	0.56	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1268	ND	0.56	mg/Kg	2/16/2011	ehernandez
<i>Client Sample Description</i>		<i>Collected:</i>		<i>Lab ID:</i>		
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>	<i>Analyst</i>
3540C/8082	Aroclor-1016	ND	2.3	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1221	ND	2.3	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1232	ND	2.3	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1242	ND	2.3	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1248	ND	2.3	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1254	ND	2.3	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1260	12	2.3	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1262	ND	2.3	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1268	ND	2.3	mg/Kg	2/16/2011	ehernandez



# EMSL Analytical, Inc.

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com

**EMSL**

SM

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100580

## Analytical Results

Client Sample Description		Collected:	1/31/2011	Lab ID:	0017	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	2.2	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1221	ND	2.2	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1232	ND	2.2	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1242	ND	2.2	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1248	ND	2.2	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1254	ND	2.2	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1260	14	2.2	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1262	ND	2.2	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1268	ND	2.2	mg/Kg	2/17/2011	ehernandez
Client Sample Description		Collected:	1/31/2011	Lab ID:	0018	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	0.89	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1221	ND	0.89	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1232	ND	0.89	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1242	ND	0.89	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1248	ND	0.89	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1254	ND	0.89	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1260	12	0.89	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1262	ND	0.89	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1268	ND	0.89	mg/Kg	2/16/2011	ehernandez
Client Sample Description		Collected:	1/31/2011	Lab ID:	0019	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1016	ND	13	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1221	ND	13	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1232	ND	13	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1242	ND	13	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1248	ND	13	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1254	ND	13	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1260	82	13	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1262	ND	13	mg/Kg	2/17/2011	ehernandez



# EMSL Analytical, Inc.

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com



SM

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**  
Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100580

## Analytical Results

Client Sample Description		Bldg 2 Mech 1 - B65	Collected:	1/31/2011	Lab ID:	0019	
Method	Parameter		Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1268		ND	13	mg/Kg	2/17/2011	ehernandez
Client Sample Description		Bldg 2 Mech 1 - B66	Collected:	1/31/2011	Lab ID:	0020	
Method	Parameter		Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1016		ND	14	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1221		ND	14	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1232		ND	14	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1242		ND	14	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1248		ND	14	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1254		ND	14	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1260		110	14	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1262		ND	14	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1268		ND	14	mg/Kg	2/17/2011	ehernandez
Client Sample Description		Bldg 2 Mech 1 - B67	Collected:	1/31/2011	Lab ID:	0021	
Method	Parameter		Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1016		ND	0.56	mg/Kg	2/15/2011	tlindsay
3550B/8082	Aroclor-1221		ND	0.56	mg/Kg	2/15/2011	tlindsay
3550B/8082	Aroclor-1232		ND	0.56	mg/Kg	2/15/2011	tlindsay
3550B/8082	Aroclor-1242		ND	0.56	mg/Kg	2/15/2011	tlindsay
3550B/8082	Aroclor-1248		ND	0.56	mg/Kg	2/15/2011	tlindsay
3550B/8082	Aroclor-1254		ND	0.56	mg/Kg	2/15/2011	tlindsay
3550B/8082	Aroclor-1260		ND	0.56	mg/Kg	2/15/2011	tlindsay
3550B/8082	Aroclor-1262		ND	0.56	mg/Kg	2/15/2011	tlindsay
3550B/8082	Aroclor-1268		ND	0.56	mg/Kg	2/15/2011	tlindsay
Client Sample Description		Bldg 2 Mech 1 - B68	Collected:	1/31/2011	Lab ID:	0022	
Method	Parameter		Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1016		ND	0.81	mg/Kg	2/16/2011	ehernandez
3550B/8082	Aroclor-1221		ND	0.81	mg/Kg	2/16/2011	ehernandez



# EMSL Analytical, Inc.

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com



SM

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100580

## Analytical Results

Client Sample Description		Bldg 2 Mech 1 - B68	Collected:	1/31/2011	Lab ID:	0022
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1232	ND	0.81	mg/Kg	2/16/2011	ehernandez
3550B/8082	Aroclor-1242	ND	0.81	mg/Kg	2/16/2011	ehernandez
3550B/8082	Aroclor-1248	ND	0.81	mg/Kg	2/16/2011	ehernandez
3550B/8082	Aroclor-1254	ND	0.81	mg/Kg	2/16/2011	ehernandez
3550B/8082	Aroclor-1260	ND	0.81	mg/Kg	2/16/2011	ehernandez
3550B/8082	Aroclor-1262	ND	0.81	mg/Kg	2/16/2011	ehernandez
3550B/8082	Aroclor-1268	ND	0.81	mg/Kg	2/16/2011	ehernandez
Client Sample Description		Bldg 2 Mech 1 - B69	Collected:	1/31/2011	Lab ID:	0023
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1016	ND	0.79	mg/Kg	2/16/2011	ehernandez
3550B/8082	Aroclor-1221	ND	0.79	mg/Kg	2/16/2011	ehernandez
3550B/8082	Aroclor-1232	ND	0.79	mg/Kg	2/16/2011	ehernandez
3550B/8082	Aroclor-1242	ND	0.79	mg/Kg	2/16/2011	ehernandez
3550B/8082	Aroclor-1248	ND	0.79	mg/Kg	2/16/2011	ehernandez
3550B/8082	Aroclor-1254	ND	0.79	mg/Kg	2/16/2011	ehernandez
3550B/8082	Aroclor-1260	ND	0.79	mg/Kg	2/16/2011	ehernandez
3550B/8082	Aroclor-1262	ND	0.79	mg/Kg	2/16/2011	ehernandez
3550B/8082	Aroclor-1268	ND	0.79	mg/Kg	2/16/2011	ehernandez
Client Sample Description		Bldg 2 Mech 1 - B70	Collected:	1/31/2011	Lab ID:	0024
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1016	ND	0.99	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1221	ND	0.99	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1232	ND	0.99	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1242	ND	0.99	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1248	ND	0.99	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1254	ND	0.99	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1260	1.4	0.99	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1262	ND	0.99	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1268	ND	0.99	mg/Kg	2/17/2011	ehernandez



# EMSL Analytical, Inc.

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com

**EMSL**

SM

Attn: **Christopher Younger**  
**Total Environmental Concepts, Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**  
Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100580

## Analytical Results

Client Sample Description		Collected:	1/31/2011	Lab ID:	0025	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1016	ND	0.53	mg/Kg	2/15/2011	tlindsay
3550B/8082	Aroclor-1221	ND	0.53	mg/Kg	2/15/2011	tlindsay
3550B/8082	Aroclor-1232	ND	0.53	mg/Kg	2/15/2011	tlindsay
3550B/8082	Aroclor-1242	ND	0.53	mg/Kg	2/15/2011	tlindsay
3550B/8082	Aroclor-1248	ND	0.53	mg/Kg	2/15/2011	tlindsay
3550B/8082	Aroclor-1254	ND	0.53	mg/Kg	2/15/2011	tlindsay
3550B/8082	Aroclor-1260	ND	0.53	mg/Kg	2/15/2011	tlindsay
3550B/8082	Aroclor-1262	ND	0.53	mg/Kg	2/15/2011	tlindsay
3550B/8082	Aroclor-1268	ND	0.53	mg/Kg	2/15/2011	tlindsay
Client Sample Description		Collected:	1/31/2011	Lab ID:	0026	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1016	ND	0.74	mg/Kg	2/16/2011	ehernandez
3550B/8082	Aroclor-1221	ND	0.74	mg/Kg	2/16/2011	ehernandez
3550B/8082	Aroclor-1232	ND	0.74	mg/Kg	2/16/2011	ehernandez
3550B/8082	Aroclor-1242	ND	0.74	mg/Kg	2/16/2011	ehernandez
3550B/8082	Aroclor-1248	ND	0.74	mg/Kg	2/16/2011	ehernandez
3550B/8082	Aroclor-1254	ND	0.74	mg/Kg	2/16/2011	ehernandez
3550B/8082	Aroclor-1260	ND	0.74	mg/Kg	2/16/2011	ehernandez
3550B/8082	Aroclor-1262	ND	0.74	mg/Kg	2/16/2011	ehernandez
3550B/8082	Aroclor-1268	ND	0.74	mg/Kg	2/16/2011	ehernandez
Client Sample Description		Collected:	1/31/2011	Lab ID:	0027	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1016	ND	0.69	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1221	ND	0.69	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1232	ND	0.69	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1242	ND	0.69	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1248	ND	0.69	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1254	ND	0.69	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1260	ND	0.69	mg/Kg	2/17/2011	ehernandez
3550B/8082	Aroclor-1262	ND	0.69	mg/Kg	2/17/2011	ehernandez



**EMSL Analytical, Inc.**  
3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com



SM

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100580

### Analytical Results

<i>Client Sample Description</i>	Bldg 2 Mech 1 - B73	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0027
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3550B/8082	Aroclor-1268	ND	0.69	mg/Kg	2/17/2011 ehernandez
<i>Client Sample Description</i>	Bldg 2 Mech 1 - B74	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0028
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3540C/8082	Aroclor-1016	ND	4.5	mg/Kg	2/16/2011 ehernandez
3540C/8082	Aroclor-1221	ND	4.5	mg/Kg	2/16/2011 ehernandez
3540C/8082	Aroclor-1232	ND	4.5	mg/Kg	2/16/2011 ehernandez
3540C/8082	Aroclor-1242	ND	4.5	mg/Kg	2/16/2011 ehernandez
3540C/8082	Aroclor-1248	ND	4.5	mg/Kg	2/16/2011 ehernandez
3540C/8082	Aroclor-1254	ND	4.5	mg/Kg	2/16/2011 ehernandez
3540C/8082	Aroclor-1260	21	4.5	mg/Kg	2/16/2011 ehernandez
3540C/8082	Aroclor-1262	ND	4.5	mg/Kg	2/16/2011 ehernandez
3540C/8082	Aroclor-1268	ND	4.5	mg/Kg	2/16/2011 ehernandez
<i>Client Sample Description</i>	Bldg 2 Mech 1 - B75	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0029
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3540C/8082	Aroclor-1016	ND	3.4	mg/Kg	2/16/2011 ehernandez
3540C/8082	Aroclor-1221	ND	3.4	mg/Kg	2/16/2011 ehernandez
3540C/8082	Aroclor-1232	ND	3.4	mg/Kg	2/16/2011 ehernandez
3540C/8082	Aroclor-1242	ND	3.4	mg/Kg	2/16/2011 ehernandez
3540C/8082	Aroclor-1248	ND	3.4	mg/Kg	2/16/2011 ehernandez
3540C/8082	Aroclor-1254	ND	3.4	mg/Kg	2/16/2011 ehernandez
3540C/8082	Aroclor-1260	16	3.4	mg/Kg	2/16/2011 ehernandez
3540C/8082	Aroclor-1262	ND	3.4	mg/Kg	2/16/2011 ehernandez
3540C/8082	Aroclor-1268	ND	3.4	mg/Kg	2/16/2011 ehernandez
<i>Client Sample Description</i>	Bldg 2 Mech 1 - B76	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0030
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3540C/8082	Aroclor-1016	ND	0.86	mg/Kg	2/16/2011 ehernandez
3540C/8082	Aroclor-1221	ND	0.86	mg/Kg	2/16/2011 ehernandez



# EMSL Analytical, Inc.

3 Cooper St., Westmont, NJ 08108

Phone: (866) 858-4800 Fax: (866) 858-4571 Email: jsmith@emsl.com

**EMSL**

SM

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**  
Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100580

## Analytical Results

Client Sample Description	Bldg 2 Mech 1 - B76	Collected:	1/31/2011	Lab ID:	0030	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1232	ND	0.86	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1242	ND	0.86	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1248	ND	0.86	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1254	ND	0.86	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1260	12	0.86	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1262	ND	0.86	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1268	ND	0.86	mg/Kg	2/16/2011	ehernandez

Client Sample Description	Bldg 2 Mech 1 - B77	Collected:	1/31/2011	Lab ID:	0031	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	4.2	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1221	ND	4.2	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1232	ND	4.2	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1242	ND	4.2	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1248	ND	4.2	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1254	ND	4.2	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1260	23	4.2	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1262	ND	4.2	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1268	ND	4.2	mg/Kg	2/16/2011	ehernandez

Client Sample Description	Bldg 2 Mech 1 - B78	Collected:	1/31/2011	Lab ID:	0032	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	1.1	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1221	ND	1.1	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1232	ND	1.1	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1242	ND	1.1	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1248	ND	1.1	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1254	ND	5.7	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1260	30	5.7	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1262	ND	5.7	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1268	ND	1.1	mg/Kg	2/16/2011	ehernandez



**EMSL Analytical, Inc.**  
3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com



Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100580

### Analytical Results

Client Sample Description		Collected:	1/31/2011	Lab ID:	0033	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	3.2	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1221	ND	3.2	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1232	ND	3.2	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1242	ND	3.2	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1248	ND	3.2	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1254	ND	3.2	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1260	16	3.2	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1262	ND	3.2	mg/Kg	2/16/2011	ehernandez
3540C/8082	Aroclor-1268	ND	3.2	mg/Kg	2/16/2011	ehernandez
Client Sample Description		Collected:	1/31/2011	Lab ID:	0034	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	2.6	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1221	ND	2.6	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1232	ND	2.6	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1242	ND	2.6	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1248	ND	2.6	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1254	ND	2.6	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1260	23	2.6	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1262	ND	2.6	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1268	ND	2.6	mg/Kg	2/17/2011	ehernandez
Client Sample Description		Collected:	1/31/2011	Lab ID:	0035	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	1.4	mg/Kg	2/18/2011	ehernandez
3540C/8082	Aroclor-1221	ND	1.4	mg/Kg	2/18/2011	ehernandez
3540C/8082	Aroclor-1232	ND	1.4	mg/Kg	2/18/2011	ehernandez
3540C/8082	Aroclor-1242	ND	1.4	mg/Kg	2/18/2011	ehernandez
3540C/8082	Aroclor-1248	ND	1.4	mg/Kg	2/18/2011	ehernandez
3540C/8082	Aroclor-1254	ND	1.4	mg/Kg	2/18/2011	ehernandez
3540C/8082	Aroclor-1260	15	1.4	mg/Kg	2/18/2011	ehernandez
3540C/8082	Aroclor-1262	ND	1.4	mg/Kg	2/18/2011	ehernandez



# EMSL Analytical, Inc.

3 Cooper St., Westmont, NJ 08108

Phone: (866) 868-4800 Fax: (866) 868-4671 Email: jsmith@emsl.com

**EMSL**

SM

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**  
Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100580

## Analytical Results

<i>Client Sample Description</i>	Bldg 2 Mech 1 - B81	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0035
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3540C/8082	Aroclor-1268	ND	1.4	mg/Kg	2/18/2011 ehernandez
<i>Client Sample Description</i>	Bldg 2 Mech 1 - B82	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0036
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3540C/8082	Aroclor-1016	ND	4.5	mg/Kg	2/17/2011 ehernandez
3540C/8082	Aroclor-1221	ND	4.5	mg/Kg	2/17/2011 ehernandez
3540C/8082	Aroclor-1232	ND	4.5	mg/Kg	2/17/2011 ehernandez
3540C/8082	Aroclor-1242	ND	4.5	mg/Kg	2/17/2011 ehernandez
3540C/8082	Aroclor-1248	ND	4.5	mg/Kg	2/17/2011 ehernandez
3540C/8082	Aroclor-1254	ND	4.5	mg/Kg	2/17/2011 ehernandez
3540C/8082	Aroclor-1260	48	4.5	mg/Kg	2/17/2011 ehernandez
3540C/8082	Aroclor-1262	ND	4.5	mg/Kg	2/17/2011 ehernandez
3540C/8082	Aroclor-1268	ND	4.5	mg/Kg	2/17/2011 ehernandez
<i>Client Sample Description</i>	Bldg 2 Mech 1 - B83	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0037
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3540C/8082	Aroclor-1016	ND	2.3	mg/Kg	2/18/2011 ehernandez
3540C/8082	Aroclor-1221	ND	2.3	mg/Kg	2/18/2011 ehernandez
3540C/8082	Aroclor-1232	ND	2.3	mg/Kg	2/18/2011 ehernandez
3540C/8082	Aroclor-1242	ND	2.3	mg/Kg	2/18/2011 ehernandez
3540C/8082	Aroclor-1248	ND	2.3	mg/Kg	2/18/2011 ehernandez
3540C/8082	Aroclor-1254	17	2.3	mg/Kg	2/18/2011 ehernandez
3540C/8082	Aroclor-1260	12	2.3	mg/Kg	2/18/2011 ehernandez
3540C/8082	Aroclor-1262	ND	2.3	mg/Kg	2/18/2011 ehernandez
3540C/8082	Aroclor-1268	ND	2.3	mg/Kg	2/18/2011 ehernandez
<i>Client Sample Description</i>	Bldg 2 Mech 1 - B84	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0038
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3540C/8082	Aroclor-1016	ND	3.3	mg/Kg	2/18/2011 ehernandez
3540C/8082	Aroclor-1221	ND	3.3	mg/Kg	2/18/2011 ehernandez



# EMSL Analytical, Inc.

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com



SM

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100580

## Analytical Results

Client Sample Description		Collected:	1/31/2011	Lab ID:	0038	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1232	ND	3.3	mg/Kg	2/18/2011	ehernandez
3540C/8082	Aroclor-1242	ND	3.3	mg/Kg	2/18/2011	ehernandez
3540C/8082	Aroclor-1248	ND	3.3	mg/Kg	2/18/2011	ehernandez
3540C/8082	Aroclor-1254	ND	3.3	mg/Kg	2/18/2011	ehernandez
3540C/8082	Aroclor-1260	33	3.3	mg/Kg	2/18/2011	ehernandez
3540C/8082	Aroclor-1262	ND	3.3	mg/Kg	2/18/2011	ehernandez
3540C/8082	Aroclor-1268	ND	3.3	mg/Kg	2/18/2011	ehernandez
Client Sample Description		Collected:	1/31/2011	Lab ID:	0039	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	0.71	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1221	ND	0.71	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1232	ND	0.71	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1242	ND	0.71	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1248	ND	0.71	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1254	ND	0.71	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1260	11	0.71	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1262	ND	0.71	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1268	ND	0.71	mg/Kg	2/17/2011	ehernandez
Client Sample Description		Collected:	1/31/2011	Lab ID:	0040	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	6.6	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1221	ND	6.6	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1232	ND	6.6	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1242	ND	6.6	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1248	ND	6.6	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1254	ND	6.6	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1260	38	6.6	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1262	ND	6.6	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1268	ND	6.6	mg/Kg	2/17/2011	ehernandez



# EMSL Analytical, Inc.

3 Cooper St., Westmont, NJ 08108

Phone: (866) 858-4800 Fax: (866) 858-4571 Email: jsmith@emsl.com

**EMSL**

SM

Attn: **Christopher Younger**  
**Total Environmental Concepts, Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**  
Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100580

## Analytical Results

Client Sample Description		Collected:	1/31/2011	Lab ID:	0041
Method	Parameter	Concentration	Reporting		
			Limit	Units	Analysis Date
3540C/8082	Aroclor-1016	ND	1.8	mg/Kg	2/17/2011
3540C/8082	Aroclor-1221	ND	1.8	mg/Kg	2/17/2011
3540C/8082	Aroclor-1232	ND	1.8	mg/Kg	2/17/2011
3540C/8082	Aroclor-1242	ND	1.8	mg/Kg	2/17/2011
3540C/8082	Aroclor-1248	ND	1.8	mg/Kg	2/17/2011
3540C/8082	Aroclor-1254	ND	1.8	mg/Kg	2/17/2011
3540C/8082	Aroclor-1260	9.1	1.8	mg/Kg	2/17/2011
3540C/8082	Aroclor-1262	ND	1.8	mg/Kg	2/17/2011
3540C/8082	Aroclor-1268	ND	1.8	mg/Kg	2/17/2011
Client Sample Description		Collected:	1/31/2011	Lab ID:	0042
Method	Parameter	Concentration	Reporting		
			Limit	Units	Analysis Date
3540C/8082	Aroclor-1016	ND	3.1	mg/Kg	2/17/2011
3540C/8082	Aroclor-1221	ND	3.1	mg/Kg	2/17/2011
3540C/8082	Aroclor-1232	ND	3.1	mg/Kg	2/17/2011
3540C/8082	Aroclor-1242	ND	3.1	mg/Kg	2/17/2011
3540C/8082	Aroclor-1248	ND	3.1	mg/Kg	2/17/2011
3540C/8082	Aroclor-1254	ND	3.1	mg/Kg	2/17/2011
3540C/8082	Aroclor-1260	19	3.1	mg/Kg	2/17/2011
3540C/8082	Aroclor-1262	ND	3.1	mg/Kg	2/17/2011
3540C/8082	Aroclor-1268	ND	3.1	mg/Kg	2/17/2011
Client Sample Description		Collected:	1/31/2011	Lab ID:	0043
Method	Parameter	Concentration	Reporting		
			Limit	Units	Analysis Date
3550B/8082	Aroclor-1016	ND	0.81	mg/Kg	2/15/2011
3550B/8082	Aroclor-1221	ND	0.81	mg/Kg	2/15/2011
3550B/8082	Aroclor-1232	ND	0.81	mg/Kg	2/15/2011
3550B/8082	Aroclor-1242	ND	0.81	mg/Kg	2/15/2011
3550B/8082	Aroclor-1248	ND	0.81	mg/Kg	2/15/2011
3550B/8082	Aroclor-1254	ND	0.81	mg/Kg	2/15/2011
3550B/8082	Aroclor-1260	ND	0.81	mg/Kg	2/15/2011
3550B/8082	Aroclor-1262	ND	0.81	mg/Kg	2/15/2011

EMSL

## EMSL Analytical, Inc.

3 Cooper St., Westmont, NJ 08108

Phone: (866) 858-4800 Fax: (866) 858-4571 Email: jsmith@emsl.com

EMSL

SM

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100580

## Analytical Results

Client Sample Description		Bldg 2 Mech 1 - B89	Collected:	1/31/2011	Lab ID:	0043
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1268	ND	0.81	mg/Kg	2/15/2011	tlindsay
Client Sample Description		Bldg 2 Mech 1 - B90	Collected:	1/31/2011	Lab ID:	0044
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	2.3	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1221	ND	2.3	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1232	ND	2.3	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1242	ND	2.3	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1248	ND	2.3	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1254	ND	2.3	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1260	20	2.3	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1262	ND	2.3	mg/Kg	2/17/2011	ehernandez
3540C/8082	Aroclor-1268	ND	2.3	mg/Kg	2/17/2011	ehernandez

**Definitions:**

ND - indicates that the analyte was not detected at the reporting limit



Environmental Chemistry Chain of Custody  
EMSL Order Number (Lab Use Only):

011100580

Westmont, NJ  
3 Cooper Street  
Westmont, NJ 08108  
PHONE: 1-800-220-3675  
FAX: (856) 858-4960

Company: Total Environmental Concepts			EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments** <i>Third Party Billing requires written authorization from third party</i>						
Street: 15 Park Avenue									
City/State/Zip: Gaithersburg, MD 20877									
Report To (Name): Christopher Younger			Fax:						
Telephone: 301-922-8075			Email Address: cyounger@totalenvironmental.net						
Project Name/Number: 1138.006									
Please Provide Results; Email			Purchase Order:			State Samples Taken: VA			
Standard Turnaround Time: 1-2 Weeks			The following TAT's are subject to lab approval: <input type="checkbox"/> 1 Week <input type="checkbox"/> 4 Days <input type="checkbox"/> 3 Days <input type="checkbox"/> 2 Days <input type="checkbox"/> 1 Day						
Failure to complete will hinder processing of samples			Matrix	Preservative	List Test(s) Needed				Comments
Client Sample ID	Comp	Grab	Date/Time	W=Water S=Soil A=Air SL=Sludge O=Other	1=HCL 2=HNO3 3=H2SO4 4=CE 5=Other	PCB			
1-Bldg 2 Mech 1-B417			1/31/11	bowl/c					
-B48									
-B49									
-B50									
-B51									
-B52									
-B53									
Released By (Signature)	Date & Time		Received By			Date & Time			
Christopher Younger	1/31/11		ESR			2/4/11 12:00 pm			

Please indicate reporting requirements:  Results Only  Results and QC  Reduced Deliverables  Disk Deliverable  Other \_\_\_\_\_

Comments/Special Instructions:

*Chris all day*

Controlled Document - Environmental Chemistry COC - EC1.0 - 11/23/2009

Page 1 of 4 Pages



Environmental Chemistry Chain of Custody  
EMSL Order Number(Lab Use Only):

011100580

Westmont, NJ  
3 Cooper Street  
Westmont, NJ 08108  
PHONE: 1-800-220-3675  
FAX: (856) 858-4980

Failure to complete will hinder processing of samples				Matrix	Preservative	List Test(s) Needed								Comments	
Client Sample ID	Comp	Grab	Date/Time	W=Water S=Soil A=Air SL=Sludge O= Other	1=HCL 2=HNO3 3=H2SO4 4=ICE 5=Other										
8	Bldg 2 Mech 1-B5Y		1/31/11 bulk			PCB									
9	-B55														
10	-B56														
11	-B57														
12	-B58														
13	-B59														
14	-B60														
15	-B61														
16	-B62														
17	-B63														
18	-B64														
19	-B65														
20	-B66														
21	-B67														
22	-B68														
23	-B69														
24	-B70														
Comments/Special Instructions:															

Controlled Document - Environmental Chemistry COC - EC1.0 - 11/23/2009

Page 2 of 4 Pages



Environmental Chemistry Chain of Custody  
EMSL Order Number(Lab Use Only):

011100580

Westmont, NJ  
3 Cooper Street  
Westmont, NJ 08108  
PHONE: 1-800-220-3675  
FAX: (856) 858-4960

Failure to complete will hinder processing of samples				Matrix	Preservative	List Test(s) Needed						Comments
Client Sample ID	Comp	Grab	Date/Time	W=Water S=Soil A=Air SL=Sludge O= Other	1=HCL 2=HNO3 3=H2SO4 4=CE 5=Other	PCB						
25 - Bldg 2 Mech 1-B71			-/31/11 bulk									
26 - B72												
27 - B73												
28 - B74												
29 - B75												
30 - B76												
31 - B77												
32 - B78												
33 - B79												
34 - B80												
35 - B81												
36 - B82												
37 - B83												
38 - B84												
39 - B85												
40 - B86												
41 - B87												

Comments/Special Instructions:

Controlled Document – Environmental Chemistry COC – EC1.0 – 11/23/2009

Page 3 of 4 Pages



**Environmental Chemistry Chain of Custody  
EMSL Order Number(Lab Use Only):**

**Westmont, NJ**  
**3 Cooper Street**  
**Westmont, NJ 08108**  
**PHONE: 1-800-220-3675**  
**FAX: (856) 858-4960**

011100580

Controlled Document – Environmental Chemistry COC – EC1.0 – 11/23/2009 Page 4 of 4 Pages

# EMSL Analytical, Inc.

<http://www.emsl.com>

3 Cooper St.  
Westmont, NJ 08108  
Phone: (856) 858-4800  
Fax: (856) 858-4571

EMSL

SM

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**  
Phone: (301) 548-0382  
Fax: (301) 527-0248

2/16/2011

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 2/4/2011. The results are tabulated on the attached data pages for the following client designated project:

**1138.006**

The reference number for these samples is EMSL Order #011100566. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 858-4800.

Reviewed and Approved By:

  
Julie Smith  
V.E.  
Julie Smith - Laboratory Director or other approved signatory



The test results contained within this report meet the requirements of NELAC and/or the specific certification program that is applicable, unless otherwise noted.

NJ-NELAP Accredited: 04653

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.



**EMSL Analytical, Inc.**

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com



SM

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100566

### Analytical Results

Client Sample Description		Collected:	1/31/2011	Lab ID:	0001	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1016	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1221	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1232	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1242	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1248	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1254	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1260	1.2	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1262	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1268	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
Client Sample Description		Collected:	1/31/2011	Lab ID:	0002	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1016	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1221	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1232	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1242	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1248	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1254	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1260	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1262	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1268	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
Client Sample Description		Collected:	1/31/2011	Lab ID:	0003	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1016	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1221	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1232	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1242	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1248	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1254	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1260	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1262	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez



# EMSL Analytical, Inc.

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com



SM

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100566

## Analytical Results

<i>Client Sample Description</i>	Bldg 1 Mech 1 - W0003	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0003
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3550B/8082	Aroclor-1268	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
<i>Client Sample Description</i>	Bldg 1 Mech 1 - W0004	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0004
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3550B/8082	Aroclor-1016	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1221	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1232	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1242	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1248	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1254	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1260	1.9	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1262	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1268	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
<i>Client Sample Description</i>	Bldg 1 Mech 1 - W0005	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0005
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3550B/8082	Aroclor-1016	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1221	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1232	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1242	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1248	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1254	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1260	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1262	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1268	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
<i>Client Sample Description</i>	Bldg 1 Mech 1 - W0006	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0006
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3550B/8082	Aroclor-1016	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1221	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez



# EMSL Analytical, Inc.

3 Cooper St., Westmont, NJ 08108

Phone: (866) 858-4800 Fax: (866) 858-4571 Email: jsmith@emsl.com



SM

Attn: Christopher Younger  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**  
Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100566

## Analytical Results

Client Sample Description		Collected:	1/31/2011	Lab ID:	0006	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1232	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1242	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1248	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1254	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1260	4.3	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1262	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1268	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
Client Sample Description		Collected:	1/31/2011	Lab ID:	0007	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1016	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1221	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1232	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1242	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1248	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1254	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1260	4.2	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1262	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1268	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
Client Sample Description		Collected:	1/31/2011	Lab ID:	0008	
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3550B/8082	Aroclor-1016	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1221	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1232	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1242	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1248	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1254	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1260	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1262	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez
3550B/8082	Aroclor-1268	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011	ehernandez

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248

Phone (301) 548-0382

Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100566

**Analytical Results**

<i>Client Sample Description</i>	Bldg 2 Mech 1 - W0009	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0009
----------------------------------	-----------------------	-------------------	-----------	----------------	------

<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting</i>		
			<i>Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3550B/8082	Aroclor-1016	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011
3550B/8082	Aroclor-1221	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011
3550B/8082	Aroclor-1232	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011
3550B/8082	Aroclor-1242	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011
3550B/8082	Aroclor-1248	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011
3550B/8082	Aroclor-1254	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011
3550B/8082	Aroclor-1260	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011
3550B/8082	Aroclor-1262	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011
3550B/8082	Aroclor-1268	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011

<i>Client Sample Description</i>	Bldg 2 Mech 1 - W0010	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0010
----------------------------------	-----------------------	-------------------	-----------	----------------	------

<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting</i>		
			<i>Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3550B/8082	Aroclor-1016	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011
3550B/8082	Aroclor-1221	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011
3550B/8082	Aroclor-1232	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011
3550B/8082	Aroclor-1242	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011
3550B/8082	Aroclor-1248	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011
3550B/8082	Aroclor-1254	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011
3550B/8082	Aroclor-1260	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011
3550B/8082	Aroclor-1262	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011
3550B/8082	Aroclor-1268	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011

<i>Client Sample Description</i>	Bldg 2 Mech 1 - W0011	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0011
----------------------------------	-----------------------	-------------------	-----------	----------------	------

<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting</i>		
			<i>Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3550B/8082	Aroclor-1016	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011
3550B/8082	Aroclor-1221	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011
3550B/8082	Aroclor-1232	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011
3550B/8082	Aroclor-1242	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011
3550B/8082	Aroclor-1248	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011
3550B/8082	Aroclor-1254	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011
3550B/8082	Aroclor-1260	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011
3550B/8082	Aroclor-1262	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011



# EMSL Analytical, Inc.

3 Cooper St., Westmont, NJ 08108

Phone: (866) 858-4800 Fax: (866) 858-4571 Email: jsmith@emsl.com



SM

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100566

## Analytical Results

<i>Client Sample Description</i>	Bldg 2 Mech 1 - W0011	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0011
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3550B/8082	Aroclor-1268	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
<i>Client Sample Description</i>	Bldg 2 Mech 1 - W0012	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0012
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3550B/8082	Aroclor-1016	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1221	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1232	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1242	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1248	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1254	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1260	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1262	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1268	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
<i>Client Sample Description</i>	Bldg 2 Mech 1 - W0013	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0013
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3550B/8082	Aroclor-1016	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1221	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1232	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1242	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1248	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1254	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1260	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1262	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1268	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
<i>Client Sample Description</i>	Bldg 2 Mech 1 - W0014	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0014
<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>
3550B/8082	Aroclor-1016	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1221	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez



**EMSL Analytical, Inc.**

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com



SM

Attn: **Christopher Younger**  
**Total Environmental Concepts., Inc.**  
**15 Park Avenue**  
**Gaithersburg, MD 20877**

Fax: (301) 527-0248 Phone (301) 548-0382  
Project: 1138.006

Customer ID: TOTA78  
Customer PO:  
Received: 02/04/11 12:00 PM  
EMSL Order: 011100566

### Analytical Results

<i>Client Sample Description</i>	Bldg 2 Mech 1 - W0014	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0014
----------------------------------	-----------------------	-------------------	-----------	----------------	------

<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting</i>		<i>Analyst</i>
			<i>Limit</i>	<i>Units</i>	
3550B/8082	Aroclor-1232	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1242	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1248	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1254	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1260	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1262	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1268	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez

<i>Client Sample Description</i>	Bldg 2 Mech 1 - W0015	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0015
----------------------------------	-----------------------	-------------------	-----------	----------------	------

<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting</i>		<i>Analyst</i>
			<i>Limit</i>	<i>Units</i>	
3550B/8082	Aroclor-1016	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1221	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1232	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1242	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1248	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1254	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1260	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1262	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1268	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez

<i>Client Sample Description</i>	Bldg 2 Mech 1 - W0016	<i>Collected:</i>	1/31/2011	<i>Lab ID:</i>	0016
----------------------------------	-----------------------	-------------------	-----------	----------------	------

<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting</i>		<i>Analyst</i>
			<i>Limit</i>	<i>Units</i>	
3550B/8082	Aroclor-1016	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1221	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1232	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1242	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1248	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1254	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1260	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1262	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez
3550B/8082	Aroclor-1268	ND	1.0	µg/100 cm <sup>2</sup>	2/11/2011 ehernandez



**EMSL Analytical, Inc.**

3 Cooper St., Westmont, NJ 08108

Phone: (866) 858-4800 Fax: (866) 858-4571 Email: [jsmith@emsl.com](mailto:jsmith@emsl.com)



**Definitions:**

ND - indicates that the analyte was not detected at the reporting limit



Environmental Chemistry Chain of Custody  
EMSL Order Number (Lab Use Only):

0111005C66

Westmont, NJ  
3 Cooper Street  
Westmont, NJ 08108  
PHONE: 1-800-220-3675  
FAX: (856) 858-4960

Company: Total Environmental Concepts				EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments** <i>Third Party Billing requires written authorization from third party</i>							
Street: 15 Park Avenue											
City/State/Zip: Gaithersburg, MD 20877											
Report To (Name): Christopher Younger				Fax:							
Telephone: 301-922-8075				Email Address: cyounger@totalenvironmental.net							
Project Name/Number: 1138.006											
Please Provide Results; Email			Purchase Order:			State Samples Taken: VA					
Standard Turnaround Time: <input checked="" type="checkbox"/> 2 Weeks			The following TAT's are subject to lab approval: <input type="checkbox"/> 1 Week <input type="checkbox"/> 4 Days <input type="checkbox"/> 3 Days <input type="checkbox"/> 2 Days <input type="checkbox"/> 1 Day								
Failure to complete will hinder processing of samples				Matrix	Preservative	List Test(s) Needed					Comments
Client Sample ID	Comp	Grab	Date/Time	W=Water S=Soil A=Air SL=Sludge O= Other	1=HCL 2=HNO3 3=H2SO4 4=CE 5=Other						
(1) Bldg 1 Mech 1-W	0001		1/31/11	w:PG	hexane	✓					
(2) W0002						✓					
(3) W0003						✓					
(4) W0004						✓					
(5) W0005						-					
(6) W0006						✓					
(7) W0007						✓					
Released By (Signature)		Date & Time			Received By			Date & Time			
C.R. Cr		1/31/11			E2			2/4/11 12:00pm			
Please indicate reporting requirements: <input checked="" type="checkbox"/> Results Only <input type="checkbox"/> Results and QC <input type="checkbox"/> Reduced Deliverables <input type="checkbox"/> Disk Deliverable <input type="checkbox"/> Other _____											
Comments/Special Instructions:  Area 100cm <sup>2</sup> per catalis											

Controlled Document - Environmental Chemistry COC - EC1.0 - 11/23/2009

Page 1 of 1 Pages

2/7/11-E2  
4:30pm



## Environmental Chemistry Chain of Custody

EMSL Order Number (Lab Use Only):

011100566

Westmont, NJ  
3 Cooper Street  
Westmont, NJ 08108  
PHONE: 1-800-220-3675  
FAX: (856) 858-4960

Company: Total Environmental Concepts				EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments** <i>Third Party Billing requires written authorization from third party</i>				
Street: 15 Park Avenue								
City/State/Zip: Gaithersburg, MD 20877								
Report To (Name): Christopher Younger				Fax:				
Telephone: 301-922-8075				Email Address: cyounger@totalenvironmental.net				
Project Name/Number: 1138.006								
Please Provide Results: Email		Purchase Order:		State Samples Taken: VA				
Standard Turnaround Time: <input checked="" type="checkbox"/> 2 Weeks		The following TAT's are subject to lab approval: <input type="checkbox"/> 1 Week <input type="checkbox"/> 4 Days <input type="checkbox"/> 3 Days <input type="checkbox"/> 2 Days <input type="checkbox"/> 1 Day						
Failure to complete will hinder processing of samples								
Client Sample ID	Comp	Grab	Date/Time	Matrix	Preservative	List Test(s) Needed		Comments
				W=Water S=Soil A=Air SL=Sludge O=Other	1=HCL 2=HNO3 3=H2SO4 4=ICE 5=Other	✓	✓	
(8) Bldg 2 Mech 1 - W0008			1/31/11	wipe	hexane	✓	✓	
(9) -W0009						✓	✓	
(10) -W0010						✓	✓	
(11) -W0011						✓	✓	
(12) -W0012						✓	✓	
(13) -W0013						✓	✓	
(14) -W0014						✓	✓	
Released By (Signature)	Date & Time			Received By		Date & Time		
C.P. Cvr	1/31/11			Chris Miller		2/4/11 12PM		
Please indicate reporting requirements: <input checked="" type="checkbox"/> Results Only <input type="checkbox"/> Results and QC <input type="checkbox"/> Reduced Deliverables <input type="checkbox"/> Disk Deliverable <input type="checkbox"/> Other _____								
Comments/Special Instructions:  AREA 100cm <sup>2</sup> PER CHRIS								

Controlled Document – Environmental Chemistry COC – EC1.0 – 11/23/2009

Page 1 of ✓ Pages

2/7/11 -E2

4:30pm



Environmental Chemistry Chain of Custody  
EMSL Order Number(Lab Use Only):

011100566

Westmont, NJ  
3 Cooper Street  
Westmont, NJ 08108  
PHONE: 1-800-220-3675  
FAX: (856) 858-4960

Failure to complete will hinder processing of samples				Matrix	Preservative	List Test(s) Needed								Comments	
Client Sample ID	Comp	Grab	Date/Time	W=Water S=Soil A=Air SL=Sludge O= Other	1=HCL 2=HNO3 3=H2SO4 4=ICE 5=Other	PCB									
(15) Bldg 2 Mech 1-W0015			1/31/11	wipe	begin										
(16) -W0016															
Comments/Special Instructions:															

Controlled Document – Environmental Chemistry COC – EC1.0 – 11/23/2009

Page 2 of 2 Pages

**APPENBIX B**

**CERTIFICATION STATEMENT**

## Certification

All sampling plans, sample collection procedures, sample preparation procedures, extraction procedures, and instrumental/chemical analysis procedures used to assess or characterize the PCB contamination at the cleanup site, are on file at the location designated in the certificate, and are available for EPA inspection.

Files are located at the following location:

Environmental Programs Office  
FBI Academy  
Quantico, VA

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

ASC Jeffery Crizew

Signature and printed name of owner of property

04 04 13

Date

Wt J

ROBERT F. SAWYER, TEC

Signature and printed name of party authoring cleanup plan

4/4/2013

Date

JL M Dietrich

LYLE M. DIETRICH, MCC

Signature and printed name of party conducting cleanup

SENIOR PROJECT

4-5-13

Date